



APG NEWS

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CECOM hosts AMC Academia Day

By **GREG MAHALL**
CECOM

The U.S. Army Communications-Electronics Command, a subordinate element of the U.S. Army Materiel Command, welcomed representatives from local colleges and universities to its Academia Day 2015 at Aberdeen Proving Ground, Oct. 23.

The collaborative effort was designed to highlight the AMC, CECOM and APG worldwide missions and employment capabilities and used as an opportunity to ignite and foster an interest in public, civilian service.

Combining the AMC 1000 Intern Initiative started by AMC Commanding General Dennis L. Via, and adding it to the Education Partnership existing at APG under CECOM Commanding General and Senior Installation Commander Maj. Gen. Bruce T. Crawford, the by-invitation-only event to collegiate educators and administrators was to showcase the state-of-the-art facilities, professional employees and future opportunities existing within AMC, CECOM

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The Maryland Joint Committee on Cyber, IT and BioTech visits APG to talk Army cyber efforts.

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WELCOME

Newcomers orientation welcomes Team APG's newest members.

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LEGACY

A former CECOM, Fort Monmouth scientist first African-American to enter AMC hall of fame.

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VOTING

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Photo by Molly Blossie

"Alt Washingtonia" Bavarian folk performers, from left, Michael Leggette Jr. and Joe Consolo play the unusual tones and tunes of the Alpenhorn or Alphorn for APG Oktoberfest attendees at the "Festhalle" in the APG North (Aberdeen) recreation center, Oct. 24. The alphorn was typically used in the Alps to signal from one mountain to another and is a common appearance in Oktoberfests around the world.

Oktoberfest is wunderbar

Traditional German festival brings communities together

By **YVONNE JOHNSON, RACHEL PONDER & STACY SMITH**
APG News

The installation's 2015 Oktoberfest drew scads of festive visitors from around the Aberdeen Proving Ground community, Oct. 23-24.

Team APG members and installation guests enjoyed brats, beer and Festhalle music during the annual tribute that mimics the world's largest Volksfest in Munich, Bavaria Germany.

Early arrivers on Friday, Oct. 23 witnessed the opening ceremonies hosted by APG Senior Commander Maj. Gen. Bruce T. Crawford who said the gathering was an "opportunity for the installation to pause and reflect on our relationship with our partners in our communities."

"This is your military installation," Crawford assured listeners who gathered in the APG North (Aberdeen) recreation center ballroom – turned Festhalle.

"And these are your employees who are

doing great things every day," he said. "We welcome this opportunity to get to know each other once again."

Assisted by CECOM Command Sgt. Maj. William Bruns and countless on-post and local community leaders, Crawford performed the traditional keg tap to signal the start of festivities for the two-day festival.

See **OKTOBERFEST**, page 16



APHC breaks ground on new lab



By **CHANEL WEAVER**
Army Public Health Center

The Army Public Health Center hosted a ground breaking ceremony for a new, state-of-the-art laboratory building on APG South (Edgewood), Oct. 22.

Several hundred individuals were on hand to witness the ceremony, including Team APG Soldiers and civilians, local elected officials, retirees, business executives and other members of the community.

See **NEW**, page 17

Lt. Gen. Patricia D. Horoho, U.S. Army Surgeon General and commander of the U.S. Army Medical Command, welcomes attendees at the Army Public Health Center laboratory ground-breaking ceremony on APG South (Edgewood), Oct. 22.

Photo by Christina Graber

APG walks for breast cancer awareness

Story and photos by **RACHEL PONDER**
APG News

More than 120 members of Team APG came out to support the third annual Breast Cancer Awareness Walk at Fanshaw Field on APG North (Aberdeen) Oct. 21.

The three kilometer walk was hosted by the Kirk U.S. Army Health Clinic Performance Triad Team.

"Attendance has definitely grown each year," said Capt. Joanna Moore, the APG Performance Triad action

See **WALK**, page 17

From left, Denotra Logan and Robin Dennis, both with the Army Contracting Command-APG join APG Soldiers, civilians and family members during the third annual Breast Cancer Awareness walk at Fanshaw Field on APG North (Aberdeen) Oct. 21. Logan walked in memory of her mother, Pocahontas Logan, who passed away from breast cancer last year. Dennis is a breast cancer survivor.



STREET TALK

How will you enjoy Halloween this year?

“My plans are just to stay home. In my neighborhood we don’t have very many kids that come trick-or-treating. And I don’t like scary movies because I’m afraid I’ll have nightmares about stuff.”



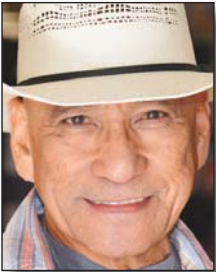
Angela Collins
Exchange employee

“My oldest daughter’s birthday is on Halloween, so we always have her party and then go trick-or-treating. She’s going as an emoji with all her friends.”



Col. Tom Oliver
CECOM

“I’ll give out candy for about two hours and then I’m going to a party with my veteran friends. They say I’m in my costume every day; I’m always a cowboy.”



Fred Posadas
Retired military

“I’m sitting in the living room watching TV. We’re too far out in the country for trick-or-treaters.”



Florence McDonald
Family member

“I’ll probably just be home. I dressed up last year as Scooby Doo for the kids when they came in the commissary. I wanted to be Ted this year, but its \$100 a costume.”



Daniel Parker
Commissary

Use or lose deadline approaching

Civilian Personnel Advisory Center

The deadline for scheduling excess, or “use or lose” leave is fast approaching. The current leave year ends for most APG employees on Saturday, Jan. 9, 2016. All excess leave must be scheduled and approved prior to the beginning of the third pay period, prior to the end of the leave year. Employees subject to excess leave carryover should be aware that the deadline for scheduling excess leave is Saturday, Nov. 28.

Excess leave restoration

There is a two-step process for having excess leave restored which cannot be used due to a work exigency. Commanders/directors are responsible for approving exigencies within their organizations. In this capacity, commanders/directors should only approve exigencies for rare circumstances. This expectation applies to all employees regardless of grade. Diligence must be used to ensure that all supervisors are working with their employees to properly schedule and use their excess leave.

However, if a supervisor confirms an exigency which prevents an employee from using his/her excess leave before the end of the leave year (Jan. 9, 2016), the supervisor will need to document the exigency by Nov. 28 for each employee affected. Then, after the leave year has concluded (after Jan. 11, 2016), the employee should coordinate the supervisor’s exigency confirmation documentation with the servicing Customer Service Representative (CSR) to get his/her excess leave restored.

If management becomes aware of an exigency after the Nov. 28 deadline for scheduling excess leave, which prevents an employee from using scheduled and approved excess leave for which the supervisor and employee arranged prior to the deadline, the supervisor must document the exigency which prevented the employee from taking his/her scheduled excess leave. Then, after the leave year has concluded (Jan. 9, 2016), the employee should coordinate the supervisor’s exigency confirmation documentation and the documentation showing that the employee and supervisor had scheduled excess leave to be taken prior to the Nov. 28 deadline with their servicing (CSR) to get his/her excess leave restored.

If sickness prevents an employee from taking his/her scheduled excess leave (leave that was arranged between the employee and supervisor before Nov. 28), the time is eligible to be restored. In this situation, the supervisor should document that it was planned for the employee to use his/her excess

NOVEMBER						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

All employees must schedule “use or lose” leave by Nov. 28, 2015.

leave before the end of the leave year, but the employee could not use the excess leave as a result of sickness. Then, after the leave year has concluded (after Jan. 9, 2016), the employee should coordinate the supervisor’s documentation with their servicing CSR to get his/her excess leave restored.

If employees have excess leave and do not follow the procedures mentioned in paragraphs 2, 3 and 4 of this notice, they risk losing their excess leave without an option to restore it.

Voluntary Leave Transfer Program

The Voluntary Leave Transfer Program (VLTP) offers a viable alternative for those individuals who wish to donate their excess annual leave to eligible federal employees. Federal employees who receive VLTP donations are able to remain in a pay status after they have depleted their annual leave and sick leave, while recovering from a health ailment or in working to try and get an eligible family member well.

To make a donation, individuals must complete either an OPM 630-A (inside the agency) or an OPM 630-B (outside the agency). Donations for the end of the year must be submitted to Sue Campbell, VLTP Coordinator no later than Jan. 6, 2016.

For more information about the Voluntary Leave Transfer Program, contact Sue Campbell at 410-306-0266.

Trick-or-Treating Safety



APG Garrison

APG Halloween trick-or-treating hours will take place between 6 and 8 p.m. on Saturday, Oct. 31. As a result of the new MD Route 22 gate hours, at least one marked police patrol car will be stationed at the intersections of Harford Boulevard and Garden Drive/Bay View Drive to assist pedestrians crossing the roadway. Police officers will also patrol the housing areas to ensure the safety of all trick-or-treaters.

APG police officers remind Team APG families to only cross roadways at designated crosswalks and to first check for traffic. The installation safety office recommends the following safety tips for a safe and happy Halloween.

Before heading out

- Add reflective tape to costumes and trick-or-treat bags for greater visibility in the dark.
- Secure emergency identification info (name, phone number, address) discreetly within a Halloween costume or on a bracelet for younger children who may not remember how to get home, should they be separated.
- Shorten long sleeves, pant legs and other costume accessories to prevent tripping, entanglement or contact with a flame.
- A good meal prior to parties and trick-or-treating will discourage youngsters from filling up on candy.
- Always keep jack-o-lanterns and hot electric lamps away from drapes, decorations, flammable materials, or other areas where children will be standing or walking.
- Plan and review with your children the route and behavior which is acceptable. Agree on a specific time when revelers must return home.
- Along with flashlights for all, older children and escorts should wear a wristwatch and carry a cellphone.
- Confine, segregate or otherwise prepare household pets for an evening of frightful sights and sounds. Be sure all pets are wearing collars and proper identification tags. Consider your pet’s behavior in large crowds before dressing them up

- and taking them along for trick-or-treating.
- Adult partygoers should establish a designated driver.

While trick-or-treating

Remember, a parent or responsible adult should always accompany young children as they round the neighborhood in search of Halloween treats.

Remind trick-or-treaters to:

- Use a flashlight so they can see – and be seen by – others.
- Stay in a group and communicate where they are going.
- Only visit homes with a porch light on.
- Remain on well-lit streets and always use the sidewalk.
- Never cut across yards or use alleys.
- Never enter a stranger’s home or car for a treat.
- Always walk, not run, across the street.
- Only cross the street, as a group, in established crosswalks.
- Remove any mask or item that will limit eyesight before crossing the street.
- Don’t assume the right of way. Motorists may have trouble seeing trick-or-treaters. Just because one car stops, doesn’t mean others will.
- Never consume unpackaged food items or drinks that may be offered by strangers.
- Do not snack on treats before they are thoroughly checked by an adult at home.

After trick-or-treating

Parents or other responsible adults should thoroughly check all treats their children brought home. Throw away any spoiled, unwrapped or otherwise suspicious items.

Although sharing is encouraged, make sure items that can cause choking (such as hard candies), are given only to those of an appropriate age.

For more Halloween safety information, visit www.cdc.gov/family/halloween; <http://www.nfpa.org/safety-information/for-consumers/holidays/halloween-safety>; or <http://www.ncpc.org/topics/halloween-safety>.

APG SEVEN DAY FORECAST



APG NEWS

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MD delegates, APG leaders talk cyber

By **KRISTEN KUSHIYAMA**
CERDEC Public Affairs

Members of the Maryland General Assembly visited Aberdeen Proving Ground – one of the state’s largest employers – to meet with Army leaders, tour high-tech laboratories and gain a better understanding of the cyber work conducted at the installation, Oct. 19.

The Maryland Joint Committee on Cybersecurity, Information Technology and Biotechnology and representatives from the Maryland Department of Commerce learned about various aspects of the Army’s cyber strategy led by organizations that make up the APG community known as Team APG, which employs nearly 20,000 service members, government civilians and contractors.

Team APG leaders said they were moving forward with mapping the future of the installation’s cyber contributions to the Army to include lifecycle management, system vulnerability analysis, training the current and future military and government workforce, and partnering with industry, academia, international allies, and other government labs to develop future tactical cyber capabilities.

APG’s cyber infrastructure

The Army has spent \$2 billion in infrastructure development at APG with 1 million square feet of laboratory space applicable to cyber. More than 1,500 Team APG government engineers and scientists with multi-disciplinary backgrounds contribute to the installation’s technical expertise in the overall cyber missions, said Henry Muller, director of the U.S. Army Communications-Electronics Research, Development and Engineering Center, or CERDEC, and Defense Department lead for the Cyber Community of Interest for Science and Technology.

Additionally, the Army has placed an emphasis on developing its cyber capabilities and in executing a coordinated approach to the development, procurements, testing, delivery and sustainment of these capabilities, Muller said.

“It’s really from cradle to grave at Team APG. We work from the concept to science and technology through the building, fielding and sustaining of the Army cyber capability as it relates to the network capabilities with the Army, to include electronic warfare and signals intelligence,” Muller said.

While other Army installations work in aspects of cyber, the majority of Team APG’s cyber work focuses on the Army’s tactical network, which faces military-unique challenges such as limited bandwidth with high-bit error rates, high latency, intermittent connectivity, and roaming infrastructure and users, he said.

“The Army has the largest tactical presence on earth. That represents a double edge sword for us,” Muller said. “From a defensive perspective, our attack surface and the vectors within which you can attack us is huge, which represents vulnerabilities. We architect this, and we have to protect it because those vulnerabilities don’t just exist at the tactical edge.”

This presence also provides opportunities on the tactical network from an offensive cyber capability once the service determines how it will use cyber on the battlefield, Muller said.

“It’s that Army presence and that Army footprint that’s going to be leveraged. That’s going to be the platform upon which those capabilities are going to be launched,” he said.

These opportunities are of keen interest for experts across a broad base of Team APG functional areas and government partners.

“It’s not just cyber, it’s the electronic warfare, it’s the signals intelligence that feeds the exploitation [of systems],



From left, CERDEC Director Henry Muller, Maryland State Senator James Posapepe, U.S. Army CECOM Commanding General and APG Senior Commander Maj. Gen. Bruce T. Crawford, and Maryland State Senator William Frick discuss Team APG’s impact on military cyberspace operations, Oct. 19.

Photo by Kristopher Joseph

which allows you to be smart about what you do, which allows you to be smart about how you defend and what your enemy’s doing. And it’s also the communications piece, which links it all together,” Muller said. “All of that is here within 40 miles of each other in the corridor in Maryland both from DISA [Defense Information System Agency], NSA [National Security Agency] and U.S. Cyber Command at Fort Meade, and the Tactical Army is sitting right here at APG. That’s a powerful story for the state of Maryland.”

“It’s really from cradle to grave at Team APG. We work from the concept to science and technology through the building, fielding and sustaining of the Army cyber capability as it relates to the network capabilities with the Army, to include electronic warfare and signals intelligence.”

Henry Muller
CERDEC Director

happens.”

Team APG is also adding to the intellectual investments across the Army’s cyber community.

“Other installations rely on us. We have folks here training the military teams that will basically run the tactical defensive cyber operations pieces for the Army, and for some of our top combatant commands. A lot of that training is developed for training cyber protection teams located at Fort Gordon, Georgia,” Crawford said.

In addition to military and government work, Team APG cyber members partner with other non-Army government agencies, private sector companies, local and national universities, and international militaries to share and leverage cyber capabilities, developments and research.

“What industry is doing now, almost everything they build, the modernization strategy is going to be based on software. We’ll make some changes on the front end of what it looks like, operationally- whatever the device happens to be,” Crawford said.

Team APG frequently partners with local and national companies to advance cyber capabilities for the Army to ensure the most current cyber solutions and

capabilities make it to service members, Crawford said.

Future workforce

Another essential part of building the strongest cyber capabilities for the Army includes developing the future workforce.

“We cannot forget the universities we have in Maryland. From an education stand point, we are nothing without our people and our workforce. We have very robust training plans, training programs and contracts with the universities across the state where students and faculty come and sit with us,” said Dr. Portia Crowe, director of cyber for Program Executive Office Command, Control, Communications-Tactical, or PEO C3T. “We had a professor who was with us throughout the whole summer; we have an entire year-long program to train up young kids coming out of the university to come and work here.”

Getting potential new employees exposed to the cyber work done by the military is a key factor in hiring, keeping and retaining them.

“The interesting new technology keeps people here,” said Matthew Lazaro, CERDEC Cryptographic Modernization Branch chief, when asked by the delegation as to why he works at Team APG rather than more lucrative private companies. “You work on cutting edge cyber issues that people in private industry will not get to see. The training opportunities and technical certification opportunities are beyond what many private companies offer.”

Team APG leadership does not foresee a shortage of interesting cyber work coming into and out of its organizations.

“In the area of cyber as we move forward on behalf of the nation there will be a lot of good things that come out of Aberdeen Proving Ground,” Crawford said.

APG NEWS

Visit us online at

www.TeamAPG.com/APGNews

Newest members of Team APG learn ins and outs of installation

Story and photos by
YVONNE JOHNSON
APG News

More than 80 Soldiers, civilians, contractors and family members new to Aberdeen Proving Ground attended the quarterly Newcomers Orientation at the APG North (Aberdeen) recreation center, Oct. 21.

Hosted by Army Community Service, the event links newcomers to vendors, services and resources on post and in the surrounding community. During the event, attendees get to view dozens of displays from on-post organizations as well as from off-post financial and educational institutions, healthcare companies and more. Briefings from key garrison organizations highlight the event.

ACS Chief Jennifer Eichner greeted the newcomers and discussed ways that ACS can serve members of Team APG. Noting that this was her first event since taking the reins of ACS, Eichner said she sees room for improvement to make the briefing even better.

“I think there are some things we can streamline,” she said adding that attendees were encouraged to submit suggestions.

“Hopefully we’ll get some good feedback.”

Religious Support Office

Garrison presenters included Mark Edwards from the Religious Support Office who talked about services Catholic, Gospel and Protestant services and upcoming events such as the Hallelujah Harvest, an alternative to trick or treating, set for 5:30 p.m. at the APG North (Aberdeen Chapel) Oct. 31.

“We’re here to meet your needs and we’re here to serve you,” Edwards said. “Please come see us.”

For more information about APG worship services, including Catholic, Gospel, Jewish and Protestant, call 410-278-4333. For Muslim services, 443-861-8073; and for Latter-day Saints, 410-306-2288.

Army Substance Abuse Program



(Left) Army Community Service Chief Jennifer Eichner briefs incoming Soldiers, civilians and contractors during the Newcomers Orientation at the APG North (Aberdeen) recreation center Oct. 22. More than 80 people attended the quarterly event that links newcomers to on and off-post services and resources. (Right) SKIES coordinator Shirelle Womack, right, details youth-oriented programs available at APG with military spouse Angelica Orenge, left, who recently arrived from Joint Base Fort Lewis-McChord in Washington state.



Cindy Scott, from the Army Substance Abuse Program explained its various services include prevention awareness, counseling, suicide prevention and the Employee Assistance Program.

“Suicide prevention is an everyday job,” Scott said.

She invited listeners to attend Red Ribbon Week events the week of Oct. 26. During a special event, set for Thursday, Oct. 29, the local parents of a young girl who died from a heroin overdose, will share their story, Scott said, adding that heroin is a growing menace in Harford County and throughout Maryland.

The presentations are set for 10 to 11 a.m. at the Edgewood Conference Center, Bldg. E4810 on APG South (Edgewood) and 2 to 3 p.m. at Dickson Hall, Bldg. 3074 on APG North (Aberdeen).

“Tragedies like this happen every day to families in communities around the country,” she said. For ASAP information call 410-278-DRUG.

Other presenters

Attendees also received information about filing household good claims and

Real Estate Reimbursement from the Office of the Staff Judge Advocates’ Client Services Division. The office is located on the third floor in Bldg. 4305.

In addition, Kirk U.S. Army Health Clinic patient advocate Deborah Dodsworth detailed services for active duty, retirees and family members and emergency manager Pedro Rodriguez discussed preparedness and enrollment in the installation notification system, AtHoc. Listeners also heard from Allison Fenwick of Corvias Military Housing which is available to active duty, retirees and government civilians and police chief Joel Holdford of the Directorate of Emergency Services (DES) cautioned about the upcoming change to gate operations. Starting Friday, Oct. 30, the Route 22 gate becomes the primary 24-hour entry point and the Route 715 gate closes 7 p.m. on weekdays and is closed weekends and holidays during a 30-day test period.

A representative from the U.S. Army Criminal Investigation Command (CID) also briefed on fraud, waste and abuse

investigations, evolving marijuana laws and other criminal activities requiring federal investigations.

Overall, newcomers said they were satisfied with the information provided during the event.

“I’m just getting here and this event was very good,” said Marvin Wilson, a civilian with the U.S. Army Research, Development and Engineering Command. “I was most impressed with the housing and emergency preparedness information,” he said.

Angelica Orenge, a military spouse, newly-arrived from the Joint-Base Fort Lewis-McChord area, said she gained needed information from the CYSS display.

“It’s our first time to this area so this was all very helpful,” she said.

Doug Hogetvedt, the spouse of Lt. Col. Wendy Mey of the Army Public Health Center, likened the event to solving a puzzle.

“There are so many bits and pieces to learning a new place, but this brought it all together,” he said.

“It was all very helpful,” Mey added.

Bowling event aims to “Strike Out” domestic violence

Story and photos by **RACHEL PONDER**
APG News

Army Community Service hosted “Strike Out Against Domestic Violence” at the APG Bowling Center to commemorate Domestic Violence Awareness Month every Monday night in October.

Mike Farlow, ACS victim advocate coordinator, said the goal was to raise awareness about domestic violence and to ensure that the community knows where to get help if they find themselves in a domestic violence situation. The free event drew 70 to 90 participants each night.

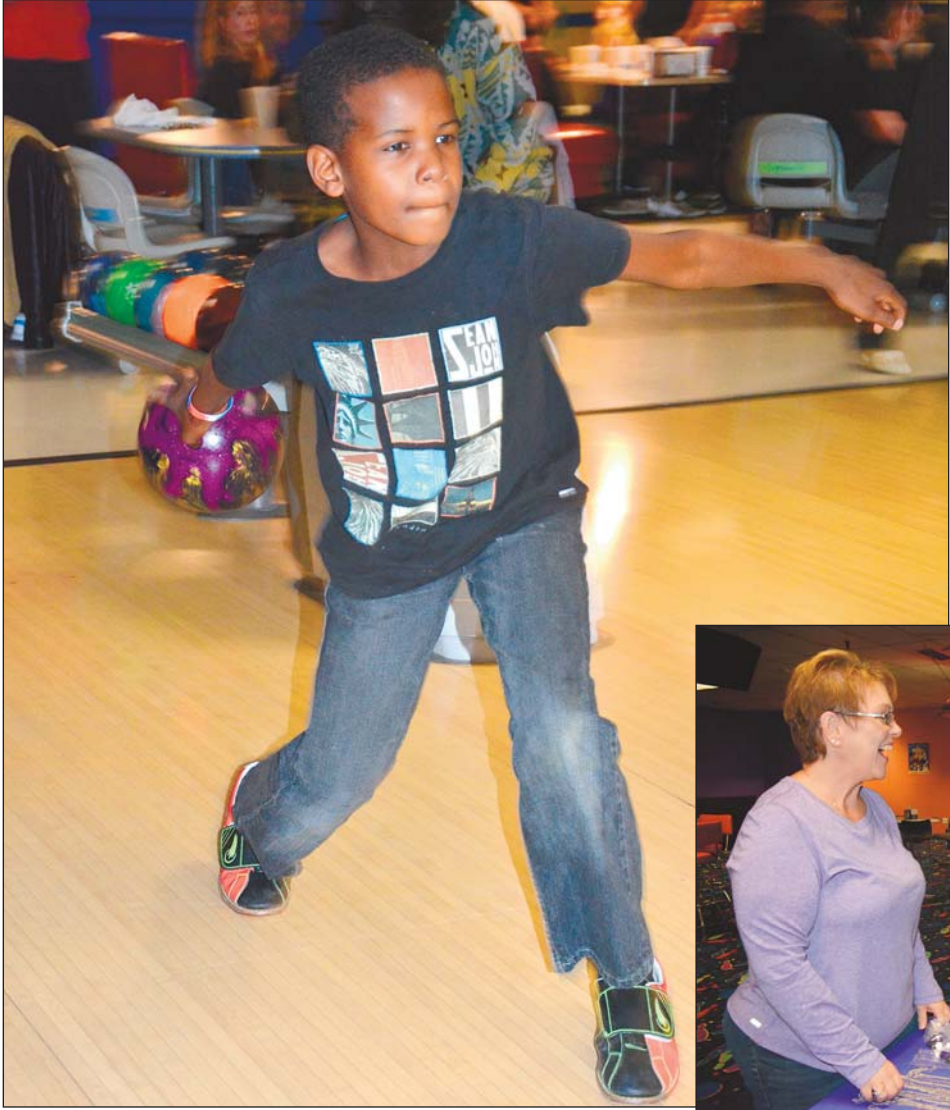
“The response has been phenomenal,” Farlow said. “This year’s bowling event has grown by leaps and bounds from last year which tells me that the word is spreading about what we are trying to do. The plan is to reach as many people in the community as possible.”

On Oct. 26, the night focused on teens and dating violence. During the event, ACS partnered with personnel from Behavioral Health at Kirk U.S. Army Health Clinic and the Army Substance Abuse Program who distributed information about drug and alcohol abuse and suicide prevention.

“This is very important to our youth and future of our community,” Farlow said. “We want to make sure that our teens are able to recognize the signs of an abuser and avoid getting into a relationship with an abuser.”

Rose Smith, ACS Family Advocacy Program (FAP) manager, said domestic violence prevention is about reaching the whole family and that in the upcoming months, ACS will host free family wellness training and parenting classes.

“We want to focus on keeping families healthy,” Smith said.



(Left) Devin Galloway, 10, strides through his approach during the Army Community Service “Strike Out Against Domestic Violence” teen night at the APG Bowling Center, Oct. 26.

(Below) Rose Smith, ACS Family Advocacy Program manager, left, chats with Zaiyer Key, 11, at the Domestic Violence Awareness display table during the “Strike Out Against Domestic Violence” teen night at the APG Bowling Center, Oct. 26.



Several participants said they enjoyed the outreach event, which included free pizza and soda.

Dea Galloway, with the U.S. Army Aberdeen Test Center, attended with her son, Devin, 10. She called the event “informative.”

“It is a great event that brings families together to talk about domestic violence,” she said. “Having an event like

this also shows that domestic violence is an important issue to the Army.”

Mike Pascuzzi, a retired government civilian attended with his wife, Karly.

“It is a good cause,” he said. “And an opportunity to get in some extra bowling practice.”

Travis Rehbein, 16, attended with family and friends.

“It’s good to raise awareness about

domestic violence in the community,” he said. “It is a nice family event.”

APG victim advocates can be reached 24 hours-a-day, seven days-a-week on the Domestic Violence Hotline at 410-652-6048. For more information about upcoming family wellness training and parenting classes contact Smith at 410-278-7478 or roseline.p.smith.civ@mail.mil.



Want to make a difference in how services are rendered at APG? Tell us how we are doing. Visit **<http://ice.disa.mil>**.
Click on “ARMY” then “Aberdeen Proving Ground.”

JPEO-CBD leadership changes hands

JPEO bids farewell to Carmen Spencer, welcomes Douglas Bryce

By **YVONNE JOHNSON**
APG News

The U.S. Army Joint Program Executive Office for Chemical and Biological Defense (JPEO-CBD) gained a new leader while hailing its former one during a dual change of charter and retirement ceremony at the Myer Auditorium on APG North (Aberdeen), Oct. 22.

Incoming Program Executive Officer Douglas W. Bryce, Senior Executive Service, assumed responsibilities of the organization from Outgoing PEO Carmen J. Spencer, who also retired from government service after a 45-year-career including 10 years of civilian service.

Heidi Shyu, Assistant Secretary of the Army for Acquisition, Logistics and Technology, ASA (ALT), presided over both ceremonies. Guests included Lt. Gen. Thomas Spoehr, director of the Army Office of Business Transformation; Dean Poppo, former Acquisition Executive and Acting Assistant Secretary of the Army for Acquisition, Logistics and Technology; Douglas Bruder, director of Research and Development for the Defense Threat Reduction Agency; and Gabriel Camarillo, Principal Deputy Assistant Secretary of the Army for Acquisition, Logistics and Technology ASA (ALT).

Also in attendance were former Joint Program Executive Officers, retirees Maj. Gen. Stephen Reeves and Brig. Gen. Jess Scarborough.

The JPEO-CBD is the single focal point for research, development, acquisition, fielding and life-cycle support of chemical, biological, radiological, and nuclear defense equipment and medical countermeasures for the joint services. Headquartered at the APG South (Edgewood) area of Aberdeen Proving Ground, the organization is comprised of a headquarters element and seven joint project management offices that with combined knowledge and expertise from across the services, under a single chain of command, provides chemical and biological defense technology, equipment and medical countermeasures to service members and the nation.

Shyu thanked the installation for its “strong support” of the organization and hailed Spencer for his “success at keeping our warfighters safe.”

She noted JPEO-CBD involvement in the destruction of Syrian chemical weapons of mass destruction and the eradication of the Ebola virus in West Africa during Spencer’s nearly 3-year-tenure as PEO and said that Bryce, with his strong background in joint service and chemical and biological defense acquisition programs, is more than up to the task.

“He sweated every day to get the job

done and there is no tougher guy in this room to do this job,” Shyu said.

Bryce said he was grateful for the opportunity and that he hoped to build on Spencer’s momentum.

“My intent is to use what we have learned in these trying and chaotic times [to] continue to fulfill our mission as the materiel developer within the DOD Chemical and Biological Defense Program [and to] continue realization of our vision to deliver flexible, integrated CBRN defense solutions to the nation,” Bryce said.

He said moving forward means grasping the reality that “the next crisis is out there” and that despite budget constraints and other obstacles, the organization must use “creativity and drive” to get capabilities to the Warfighter and other customers more rapidly.

“Let’s face it, we don’t have a choice at this point,” he said. “We’re not in or facing an environment of slow-evolving threats, familiar threats, and expanding budgets. The opposite is upon us, has been upon us, and we should assume is here to stay.

“So again, it is my honor to lead you, and I thank Carmen [Spencer] for a healthy tenure of activity which has prepared us all so well for the missions, challenges, requirements, and changes to come.”

Carmen J. Spencer

During the retirement portion of the ceremony, Spencer was given a copy of his charter as a memento of his assignment as the Joint Program Executive Officer for Chemical and Biological Defense and a Department of the Army Certificate of Appreciation. Shyu presented Patricia Spencer with the Army Acquisition Letter of Appreciation, and then presented the couple with an organization flag signed by JPEO-CBD personnel. The flag was flown on the Cape Ray vessel in the Mediterranean Sea during the Syrian chemical weapons materials mission.

Spencer has served as the Joint Program Executive Officer for Chemical and Biological Defense since November 2012. He thanked Shyu and his staff, and singled out his seven joint project managers, who he called, “incredible,” and directed them to stand and be recognized.

“I cannot possibly credit all the incredible people who played important roles over the past three years,” Spencer said, adding that he was confident to leave the JPEO CBD mission in capable hands.

“Thank you all for striving every day to make the world a safer place for my children and

my grandchildren,” he said. “God speed you all.”

The program included the singing of the national anthem by Darrell McCarthy, and the invocation by Mark Thomas, both of JPEO CBD. Lt. Col. Tim Klenske, Joint Project Officer, Reconnaissance, Obscuration and Platform Integration, served as the narrator and Master Sgt. Aki Paylor, JPEO CBD senior enlisted advisor, assisted during the passing of the colors.

Douglas W. Bryce

As the Joint Program Executive Officer for Chemical and Biological



Photo by Steven Lusher

Douglas W. Bryce, the new Joint Program Executive Officer for Chemical and Biological Defense, left, accepts the organization colors from Heidi Shyu, Assistant Secretary of the Army for Acquisition, Logistics and Technology, ASA (ALT), as JPEO CBD senior enlisted advisor Master Sgt. Aki Paylor, second from left, and outgoing JPEO CBD Carmen J. Spencer look on during a change of charter ceremony at the Myer Auditorium, Oct. 22.

Defense, Bryce will report directly to Shyu and maintain the Army perspective in managing programs.

Bryce was selected for the Senior Executive Service in February 2010. He formerly served as the Deputy Joint Program Executive Officer for Chemical Biological Defense from February 2005 to October 2015m he provided acquisition management and professional leadership on complex management issues related to joint service chemical and bio-

logical defense acquisition programs.

A retired U.S. Marine Corps Chief Warrant Office 3, Bryce has served as product managers for NBC Defense Equipment, individual Marine Combat Equipment and individual Protective Equipment at Quantico, Virginia. He is a graduate of Los Angeles Community College and the Defense Acquisition University Program Manager Course and is certified Level III Program Management and Navy Acquisition Corps.

MORE ONLINE

Come and follow us for news and events going on at and around the U.S. Army Garrison Aberdeen Proving Ground, visit the garrison twitter site <http://twitter.com/USAGAPG>



MARK YOUR CALENDAR

events&town halls

SATURDAY OCTOBER 31

HALLELUJAH HARVEST

The post chapel will host the annual Hallelujah Harvest – a family fun night and Halloween alternative filled with games, food and prizes - 5:30 to 7:30 p.m. at the APG North (Aberdeen) post chapel. For more information, contact Joyce Wood at 410-278-4333.

FRIDAY NOVEMBER 6

MARINE CORPS BIRTHDAY LUNCHEON

The 6th Annual APG Marine Corps Birthday Luncheon will be held noon to 1:30 p.m. at Ruggles Golf Course. All active, retired and veteran Marines, Fleet Marine Force Corpsman, DOD civilians and contractors who work on APG, their families, supporters and survivors are invited to come celebrate the 240th Marine Corps birthday. The two entrée buffet costs \$20 per person and the ceremony begins at noon.

RSVP to Craig.Reeling@MarylandMarines.org, call 443-477-0670 or visit www.Maryland-Marines.org. Once a Marine, always a Marine!

MONDAY NOVEMBER 9

VETERANS DAY THUNDER RIDE & OBSERVANCE

Team APG will honor all past and current veterans with a Thunder Ride, starting at 9 a.m. at Ruggles Golf Course. The ride will visit the post cemetery and end at the post theater, at which time the annual Veterans Day Observance will begin at 11 a.m.

Both the Thunder Ride and annual observance are open to Team APG service members, civilians, families and veterans. The program is hosted by the U.S. Army Test and Evaluation Command.

For more information about the Thunder Ride, contact Sgt. 1st Class Roman J. Pilkington II at 410-278-1339 or roman.j.pilkington2.mil@mail.mil.

For more information about the annual observance, contact Master Sgt. Linwood Parker at 443-861-9517 or linwood.parker.mil@mail.mil.

THURSDAY NOVEMBER 12

AMERICAN EDUCATION WEEK OPEN HOUSE

Interested in pursuing or completing your degree? The APG Army Education Center will host an open house in observance of American Education Week, 10 a.m. to 2 p.m. in the first floor lobby of Bldg. 4305.

Representatives and information will be available from: University of Maryland University College; Harford County Community College, Central Michigan University, and Florida Institute of Technology.

For more information, contact Tressie Stout at 410-306-2042 or tressie.d.stout.civ@mail.mil.

meetings&conferences

TUESDAY & WEDNESDAY NOVEMBER 3 & 4

ARL OPEN CAMPUS OPEN HOUSE

The U.S. Army Research Laboratory (ARL) will host an Open Campus Open House to provide members of the science and technology community an opportunity to:

- Learn about the ARL Open Campus business model
- Hear details of ARL strategic research areas
- Interface with ARL scientists and engineers to discover new opportunities for side-by-side collaboration
- Visit ARL specialized laboratory facilities
- Participate in technical presentations and poster sessions
- Meet one-on-one with some of the Army's leading researchers

Registration is ongoing and closes Oct. 19. No on-site registration will be offered. For more information, visit www.arlopendcampus2015.com

ARL has been a national leader in fundamental research for over 20 years. ARL research spans the spectrum from high strain rate mechanics and novel materials manufacturing, to cyber defense and advanced electronics, to atmospheric sciences and translational neuroscience. ARL's Open Campus business model is building an international science and technology ecosystem among government, academia, small business, industry, and entrepreneurs.

For more information about ARL Open Campus collaboration opportunities and the Open Campus Open House, visit www.arl.army.mil/opencampus.

TUESDAY NOVEMBER 17

HOT TOPIC TRAINING FORUM

DAU will host the Hot Topic Training Forum, "Additive Manufacturing: What it is and how it impacts aerospace, medical and defense industries," 11:30 a.m. to 1 p.m. at the APG DAU facility, 6175 Guardian Gateway on Aberdeen Proving Ground.

The forum will seek to define additive manufacturing and types of additive manufacturing processes. It will explore the state of additive manufacturing technology and discuss what it has to offer us in the future. Attendees can expect to discover the strengths and limitations of additive manufacturing and current happenings in the field today.

The presenter will be Mark Vitale, specialist leader, Deloitte Consulting LLP. Vitale has over 25 years of consulting and industry experience assisting commercial sector and federal government clients across a wide range of initiatives including: operations strategy, additive manufacturing, maintenance operations, demand/supply planning, inventory management, distribution/logistics, sourcing/procurement, and performance based logistics.

Attendees can bring lunch to consume during the presentation.

This training forum provides 1.5 Continuous Learning Points. To register, contact Ben Metcalfe at benjamin.metcalfe@dau.mil or 410-272-9471 before Tuesday, Nov. 17.

ONGOING

BIBLE STUDY CLASS

The Religious Services Office hosts a new Soldier and Family Christian Fellowship Bible Study Class 6:30 to 7:30 p.m., every Tuesday at the APG North (Aberdeen) chapel. Free childcare is included. The class focuses on biblical fellowship and outreach and encouragement through prayer and is open to the entire APG community. For more information, call 410-278-4333.

WEDNESDAY NOVEMBER 18

SMOKE OUT CYCLE EVENT

The APG Army Performance Triad initiative will host a Great American Smoke-out cycling event starting at noon at the APG North (Aberdeen) Exchange parking lot. Cyclists are asked to bring a small backpack and arrive 15 minutes early. Tobacco cessation information will be provided to riders, to distribute to designated smoke areas throughout the installation as part of the route.

For more information, contact Capt. Joanna Moore, Performance Triad Action Officer, at (410) 278-1773 or joanna.t.moore.mil@mail.mil.

THURSDAY NOVEMBER 19

HOLIDAY SPENDING INFO SESSION

The C4ISR Wellness Committee will host a Holiday Spending Info Session 11:30 a.m. to 12:30 p.m. in Bldg. 6001, second floor, room 224. Celebrating the Holidays doesn't have to mean going into debt. Recent surveys show that 37 percent of Americans finance their holiday giving with credit cards. This presentation provides more than 15 tips and ideas for avoiding debt and establishing a logical gift giving budget to avoid the regret of post-holiday debt.

The session is open to government civilians, contractors, and military. Non-C4ISR employees must register with a Visitor Request Form by Nov. 11. Please do not put your social security number on the form. Registered visitors should be in the lobby of Bldg. 6001 at 11:15am to be escorted to the training room. Contractors must not invoice government contracts for time spent at these activities.

For more information, contact Tiffany Grimes, CECOM G1, at 443-861-7901 or tiffany.l.grimes.civ@mail.mil.

THROUGH DECEMBER

SIGN LANGUAGE CLASS

An American Sign Language (ASL) class will be held each Tuesday, 11:30 a.m. to 12:30 p.m. through Dec. 15 in Bldg. E4301 Otto Road (past Hoyle Gym) conference room at APG South (Edgewood).

This free class offers basic to advanced instruction. The required text book, "ABC, A Basic Course in American Sign Language," can be found on www.amazon.com. Students can bring their own lunch.

To register, for directions or for more information, contact Randy Weber at 410-436-8546 or randy.k.weber.civ@mail.mil.

health&resiliency

FRIDAY OCTOBER 30

RED RIBBON WEEK EVENT

Robin Stokes will visit designated organizations throughout the week to pass out red ribbons and information. Red Ribbon Week information will be available on the following dates and locations:

- APG North (Aberdeen)**
 - Friday, Oct. 30: 11 a.m. to 1 p.m., APG North Express
- APG South (Edgewood)**
 - Friday, Oct. 30: 11 a.m. to 1 p.m., APG South Express

For more information, contact Robin Stokes, Employee Assistance Program manager, at 410-278-5319 or email robinstine.stokes.civ@mail.mil.

TUESDAY NOVEMBER 3

HEALTHY HOLIDAYS SESSION

The holidays are right around the corner. The C4ISR Wellness Committee will host a

Healthy Holidays into the New Year Informational Session on staying healthy over the holidays 11:30 a.m. to 12:30 p.m. in Bldg. 6001, second floor, room 224. Topics include holiday food swaps, managing holiday stress, and exercises to help maintain fitness goals.

The session is open to government civilians, contractors, and military. Non-C4ISR employees must register with a Visitor Request Form Oct. 26. Please do not put your social security number on the form. Registered visitors should be in the lobby of Bldg. 6001 at 11:15 a.m. to be escorted to the training room.

Contractors must not invoice government contracts for time spent at these activities.

For more information, contact Tiffany Grimes, CECOM G1, at 443-861-7901 or tiffany.l.grimes.civ@mail.mil.

THURSDAY NOVEMBER 5

HEALTH FAIR

The Army Test and Evaluation Command will host the installation 2015 Health Fair 9 a.m. to noon at Bldg. 2202, ATEC headquarters. The event includes more than 30 county and state health care vendors and giveaways. Free flu vaccination will be available 10 a.m. to noon. Scheduled events include a Walk/Run rally starting 6:15 a.m. and the following information/exercise sessions:

- Transcendental meditation, 11 to 11:30 a.m.
- Improving Your Self Talk: Enhancing self-image & confidence, 11:30 a.m. to noon
- Women's personal health specialist, 11:30 a.m. to 12:30 p.m.
- Holy Yoga, noon to 1 p.m.
- Xtend Barre, noon to 1 p.m.
- For more information, contact Gale Sauer, ATEC health and wellness coordinator, at 443-861-9260 or gale.m.sauer.ctr@mail.mil

THURSDAY NOVEMBER 12

DIABETES & LUNG CANCER INFO SESSION

The C4ISR Wellness Committee will host a Diabetes and Lung Cancer Info Session 11:30 a.m. to 12:30 p.m. in the Myer Auditorium, Bldg. 6000. Representatives from the American Diabetes Association and Medstar Franklin Square Breast Center in Bel Air will give presentations on the signs, causes, treatments, and preventive measures, as well as healthy lifestyle, diet and exercise tips.

The session is open to government civilians, contractors, and military. Contractors must not invoice government contracts for time spent at these activities.

For more information, contact Tiffany Grimes, CECOM G1, at 443-861-7901 or tiffany.l.grimes.civ@mail.mil.

APG SOUTH (EDGEWOOD) DENTAL CLINIC CLOSED

The APG South (Edgewood) Dental Clinic will be closed Thursday, Nov. 12.

Questions should be directed to Spc. Tracy Glover at Tracy.S.Glover4.mil@mail.mil or 410-278-5843.

ONGOING

WEAR BLUE: RUN TO REMEMBER HARFORD COUNTY/ APG

A Harford County/APG-based Wear Blue: Run to Remember community has been established, with ongoing meets the second Saturday of every month 8:30 a.m. at the Maryland and Pennsylvania Heritage Trail in Fallston.

Wear Blue: Run to Remember communities run, jog and walk in honor of the nation's fallen, fighting and families.

Those interested in participating in the run should meet at the Annie's Playground – Pavilion at 864 Smith Lane, Fallston, Maryland. Pets are allowed, but park rules do not allow retractable leashes.

All ability levels are welcome. Participants are strongly encouraged to wear blue.

Upcoming dates include:

- Nov. 14
- Dec. 12

For more information, contact Robin Bruns at 910-987-6764 or brunsrd@yahoo.com.

WEDNESDAY DECEMBER 9

APG IRON EAGLE COMPETITION

The APG Army Performance Triad initiative will host the second APG Iron Eagle 6 a.m. at the APG South (Edgewood) Hoyle Gym. The event will consist of pushups, sit-ups, pull-ups, dips and a running event.

For more information, contact Capt. Joanna Moore, Performance Triad Action Officer, at (410) 278-1773 or joanna.t.moore.mil@mail.mil.

ONGOING

KUSAHC CLOSED FIRST WEDNESDAY OF EVERY MONTH

Kirk U.S. Army Health Clinic believes the key to being the premier health and readiness platform is a professionally-developed workforce, and reinvesting in employees is an investment to their service to APG.

As such, KUSAHC will close the first Wednesday of every month for training purposes until further notice, starting Wednesday, Oct. 7.

For more information, visit <http://kusahc.narmc.amedd.army.mil/SitePages/Home.aspx> or www.facebook.com/KUSAHC.

THROUGH 2015

2015 CPR, AED CLASS SCHEDULE

The APG Directorate of Emergency Services has announced the CPR/AED class schedule for 2015. Classes are open to the entire APG community.

Nov. 18 – APG North Chapel, Bldg. 2485 – 9 a.m. and 1 p.m.

Dec. 16 – APG South Conference Center, Bldg. E4810 – 9 a.m. and 1 p.m.

For more information, contact Mike Slayman at 410-306-0566.

family&children

FRIDAY OCTOBER 30

ZOMBIE RUN & TRUNK OR TREAT

The Army Performance Triad team, Kirk U.S. Army Health Clinic and the Aberdeen V.F.W. will host a Zombie Run and Trunk or Treat. The APG Healthy Kids 2K Zombie Run will begin 5:30 p.m., followed by the Adult (age 14+) 5K Zombie Run at 6 p.m. Both starting at the BOSS building next to the APG Exchange parking lot. The 2K run route ends at Kirk U.S. Army Health Clinic, where a "Trunk or Treat" will take place hosted by the Aberdeen V.F.W.

For more information, contact Capt. Joanna Moore at joanna.t.moore.mil@mail.mil or Sgt. 1st Class Marquis Turner at marquis.d.turner.mil@mail.mil.

miscellaneous

ONGOING

FIREWOOD AVAILABLE FOR SALE

Firewood is available at a cost of \$20 per level standard 8-foot pick-up truck, \$15 per level standard 6-foot pick-up truck, and \$5 per car trunk load. Permits to buy wood are good for ten days, or until an order is filled, whichever comes first. Permits will be issued 8 a.m. to 3 p.m. on a first-come-first-served basis at APG South (Edgewood) in Bldg. E4630, Monday through Thursday. For more information, contact Scott English at 410-436-9804 or Kathy Thisse at 410-436-8789.

ONGOING

THROUGH 2015

RETIRING SOON? UNCLE SAM WANTS TO THANK YOU!

Are you an APG Soldier or civilian nearing retirement from government service? Consider participating in the monthly Installation Retirement Ceremony.

The APG Garrison hosts the event the fourth Thursday of each month –except November – and the first Thursday in December, at the Dickson Hall (Ball Conference Center).

Much goes into the planning for these events. Event planners set up flag displays, write speeches, print programs, provide sound equipment and photography support and even create photo DVDs for each retiree.

Also, awards and decorations are presented to retirees and their spouses.

All Soldiers and civilians are eligible to participate in the Installation Retirement Ceremony regardless of unit or organization.

This is a program designed to thank retiring personnel for their loyalty and perseverance and for the sacrifices they endured while serving the nation.

Retirees are encouraged to participate and to share this day with family members and friends.

After all, Uncle Sam wants to thank you. Don't you think you've earned it?

For more information, contact Lisa M. Waldon, Garrison Training Operations Officer, at 410-278-4353 or email lisa.m.waldon.civ@mail.mil.

ONGOING

NEW HOURS FOR WEEKDAY MASS

The hours of weekday Mass have changed to the following:

At the APG North (Aberdeen) chapel, Mass is celebrated 11:45 Monday, Tuesday and Friday in the main sanctuary; Thursday in the Blessed Sacrament Chapel.

On first Fridays at the APG North (Aberdeen) chapel, Mass begins 11 a.m. with Holy Hour with exposition of the blessed sacrament, meditation and confessions prior to the 11:45 a.m. Mass.

At the APG South (Edgewood) chapel, Wednesday Mass will be celebrated at noon followed by confession.

For more information, contact the Religious Support Administrative Office at 410-278-4333.

MORE ONLINE

More events can be seen at www.TeamAPG.com

McAfee enters AMC hall of fame

Scientist is first African-American to receive Army Materiel Command honor

By **GREG MAHALL**
CECOM

The very first African-American to be inducted into the U.S. Army Materiel Command Hall of Fame is Dr. Walter S. McAfee, who served 42 years as a scientist, educator, supervisor and mentor to the U.S. Army Communication-Electronics Command and the Fort Monmouth community.

He will be posthumously inducted into the 2015 class during a formal ceremony at AMC headquarters, Oct. 27.

McAfee served CECOM and Fort Monmouth from 1942 until his retirement in 1985. He helped create a vigorous, inclusive scientific community dedicated to advancing communications and electronics research, as well as paving the way for the advancement of minorities in the federal workplace. In 1971, McAfee was the first African-American employee of AMC to be promoted to GS-16, a “super-grade” civilian position, and pre-



decessor of today’s Federal Senior Executive Service.

“Dr. McAfee is one of those individuals whose contributions, both in communications technology and as a mentor to others, makes him an exceptional figure in CECOM’s history,” said Susan Thompson, CECOM historian. “His personal and professional qualities should be more widely appreciated, and therefore, I thought him an ideal candidate for the AMC Hall of Fame.”

Thompson nominated McAfee for the AMC Hall of Fame.

“Dr. McAfee is one of those individuals whose contributions, both in communications technology and as a mentor to others, makes him an exceptional figure in CECOM’s history.

Susan Thompson, CECOM historian

Dr. Walter S. McAfee served the U.S. Army Communication-Electronics Command and the Fort Monmouth, New Jersey community for 42 years as a scientist, educator, supervisor and mentor. He created an inclusive scientific community that was dedicated to advancing communications and electronics research and paved the way for the advancement of minorities in the workplace. U.S. Army photo

McAfee gained special recognition in 1946 with Project Diana by helping a team of scientists put a human imprint on the moon for the first time with radar. In the 1960s, McAfee developed sensors which were used to detect and track enemy movements during the Vietnam War. He was one of the first recipients of the U.S. Army Research and Development Achievement Awards.

Originally an educator in the secondary school system in Columbus, Ohio, McAfee joined the Army Signal Corps in 1942 at then-Camp Evans, New Jersey,

located near Fort Monmouth and began his long legacy in the AMC command structure.

McAfee was inducted into the Science Hall of Fame at his alma mater, Wiley College in Marshall, Texas, in 1982. He held a concurrent teaching position with Monmouth College from 1958 to 1975, lecturing in atomic and nuclear physics and solid state electronics.

McAfee passed away in 1995. He is survived by daughters Marsha Ann Bera-Morris of Washington, D.C., and Diane McAfee of San Jose, California.

International Bat Week celebrated Oct. 25-31

DPW Environmental, Natural Resources Branch

Bat Week is an annual, international celebration of the role of bats in nature. Bat Week is organized by a team of representatives from Bat Conservation International, Organization for Bat Conservation, U.S. Forest Service, U.S. Fish and Wildlife Service, Wildlife Acoustics, Lube Bat Conservancy and the Save Lucy Campaign.

There are more than 900 living species of bats, and they are found on every continent except Antarctica. Maryland has ten species of bats; some reside in the state year round and some migrate through the state in the spring and fall.

Bats at APG

APG is home to several species of bats including the big brown bat (*Eptesicus fuscus*), little brown bat (*Myotis lucifugus*), red bat (*Lasiurus borealis*), hoary bat (*Lasiurus cinereus*) and the tri-colored bat (*Perimyotis subflavus*). The installation is planning acoustic surveys to determine if the northern long-eared bat (*Myotis septentrionalis*) is present here. The northern long-eared bat is a federally-listed threatened species under the Endangered Species Act of 1973.

Bats are one of the most numerous mammal species on earth. Nearly one in five of all mammal species are bats. Bats belong to the order Chiroptera, which means “hand-wing.” Their hand is literally their wing and they are the only mammals that can fly. Bats are more closely related to people than to mice and like humans, have hair and feed their young milk.

As for being ‘batty,’ bats are actually quite intelligent having developed a unique and fascinating ability to fly at night. As nocturnal creatures, bats have evolved a sophisticated ability to ‘see’ in the dark to avoid obstacles and find their way home before the sun rises. Similar to the way sonar works, bats emit an ultrasonic chirp which bounces off of objects and returns to the bat. By determining the length of time before the echo of the chirp returns, a bat can fly around obstacles. This is called echolocation. Many bat species can be differentiated by their unique chirp.

Common misconceptions

Depictions of bats as bloodthirsty

and dangerous vampire-like creatures often go hand in hand with imagery associated with Halloween. Another common misconception is that bats will fly into your hair and tangle themselves. Due to these depictions many people fear bats and common metaphors about bats, such as being ‘batty,’ have negative connotations.

In reality, bats are a highly intelligent and important species for a healthy ecosystem. Instead of blood, the vast majority of bats dine on insects, nectar or fruit. Bats will consume vast amounts of mosquitos and agricultural insect pests nightly. This makes them important pollinators in tropical and desert climates. More than 300 species of fruit, including mangoes and bananas, depend on bats for pollination.

Most bats in North America eat insects, including moths, beetles, aquatic insects, and flies. A single bat can eat up to its body weight in insects each night. Eating all these insects helps protect food crops and forests from insect pests, saving farmers and forest managers billions of dollars each year.

A few bats eat meat, like frogs and fish, and three species of bats feed on blood. No matter what their diet, each kind of bat is unique and interesting.

The only scary fact about bats is how fast they are disappearing from the ecological landscape. A combination of disease, specifically white-nose syndrome, and habitat destruction are rapidly decreasing bat populations worldwide.

Ways to celebrate Bat Week

- Put up bat roosting boxes to help replace the lost or degraded habitats that have contributed to the decline of bat populations throughout North America. Designs can be found online.
- Reduce the use of pesticides; over use and improper use of pesticides have been linked to declining populations.
- Participate in conservation, education, and research initiatives involving bats and their ecosystems
- Do not disturb bats in their natural habitats

For information about the national effort to create 5,000 new bat houses in one day – Oct. 31 – visit the Bat Week website at <http://batweek.org/>.



(Above) The northern long-eared bat (*Myotis septentrionalis*) seen here is a federally-listed threatened species. APG is planning acoustic surveys to determine if the northern long-eared bat is present on the installation.

New York Department of Environmental Conservation photo

(Right) A big brown bat (*Eptesicus fuscus*) hibernates. Big brown bats can be found on APG.

U.S. Fish & Wildlife Service photo



Have a great idea for a story?

Know about any interesting upcoming events?

Wish you saw more of your organization in the paper?

The APG News accepts story ideas and content you think the APG community should know about.

- Story ideas or content must be geared toward the greater APG community and cannot appear to endorse any private company.
- The deadline for content to appear in an upcoming issue of the APG News is the **Thursday PRIOR** to publication. The APG News cannot guarantee submissions received after the Thursday prior to publication will appear in the next issue of the paper.
- Send story ideas or pre-written content to amanda.r.rominiecki.civ@mail.mil or call 410-278-7274 for more information.
- Please note, the APG News editor reserves the right to (1) reject any content deemed inappropriate, irrelevant or against regulation, (2) delay the publication of submitted material if it is not timely and (3) edit or shorten content for space and style reasons without altering the meaning of the submission.

COMMENTARY

Life can be a real batter’s box

By YVONNE JOHNSON
APG News

I love the smell of baseball in October. I haven’t always loved baseball, but since I fell for it back in the early 80s, I can’t understand people who don’t. To me, no other sport delivers the life lessons that can be found in baseball. Add a military perspective and the link is obvious.



Johnson

A baseball team is like a platoon and when they’re on the field facing an opposing team, the pitcher becomes the platoon sergeant. Everyone on the team must follow his lead. This makes the infielders at first, second, and third base, the shortstop and the catcher the squad leaders. Consequently, the outfielders become the heart of the platoon – the worker bees, if you will, that chase down all the mistakes that slip past the platoon sergeant and squad leaders.

Of course there are reserve forces in the form of the bullpen and pinch hitters. All of these are led by the leaders – managers and coaches – who take very little action themselves but are supposed to be “great thinkers.”

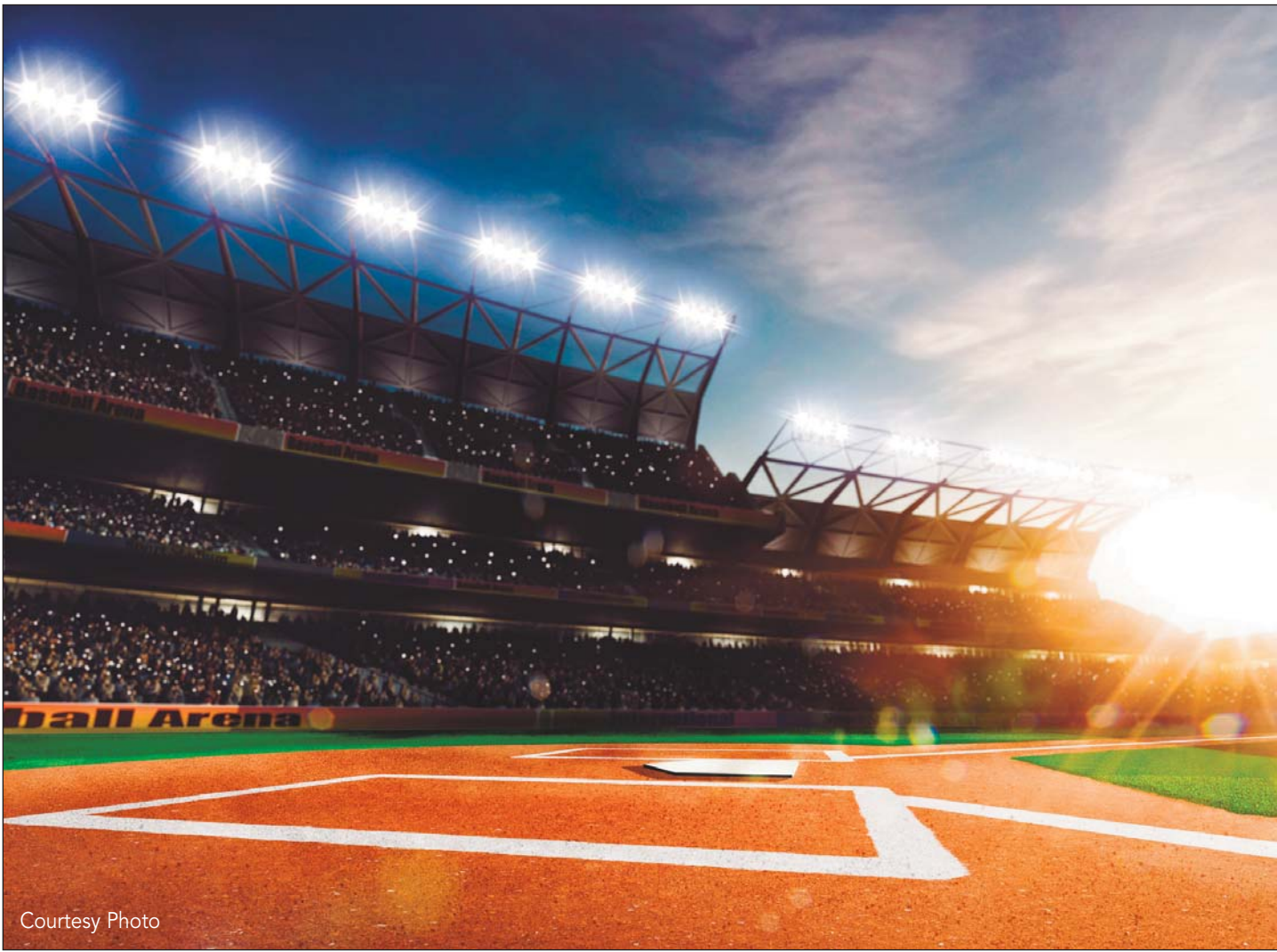
Put them all together, working in sync with one another, and you have a successful team.

Success, however, doesn’t always mean winning. And winning can’t always be defined or measured.

“A baseball game is simply a nervous breakdown divided into nine innings,” said Earl Wilson, the first African-American to pitch for the Boston Red Sox.

In many ways, that’s true. We learn these and other lessons during primary matchups – in the batter’s box.

The batter’s box: it’s here where we go one-on-one with the fastballs of life. We don’t always hit home runs and sometimes we strike out, but we eventually learn that if we face problems head-on with patience and persistence, most of the time we’ll get on base.



Courtesy Photo

Hall of Famer Hank Aaron, who held the MLB home run record for 33 years, said, “The thing I like about baseball is that it’s one-on-one. You stand up there alone, and if you make a mistake, it’s your mistake. If you hit a home run, it’s your home run.”

True also, to a certain extent. But ponder two important points: though we stand in the box alone, we’re really not alone. And wherever there is life, there is always hope.

Even when being hit with a “you flunked your bar exam” curveball, there is hope. Even after a sinker of a broken wedding engagement, there is hope. Even after a DUI slider lands you in jail, and you swing through a breaking ball of bad news about your health.

And even after a screaming knuckle ball brings the loss of a parent, child,

friend or favorite pet, hope still remains.

Hope exists in the form of our personal platoons of worker bees; our support networks of spouses, partners, parents, siblings, friends or clergy who lift us up when we’re down; share our loads when we’re weak; lend us helping hands without being asked; and help us catch all the little mistakes that slip past the platoon sergeant and squad leaders.

They are the ones who help us run the bases. They are the ones who nudge us toward the warmer, brighter things in life. They are the ones who talk us back into the batter’s box – time after time.

And at the end of the game, all of us – whether wealthy or destitute, and regardless of how well we might have played this game of life – get to go home.

To me, every kid that is able should

play baseball or softball, and not on a video game, but in the dirty sandlot where real-life games are defined and measured.

I think Hall of Famer, Earl Weaver said it best: “You can’t sit on a lead and run a few plays into the line and just kill the clock. You’ve got to throw the ball over the...plate and give the other man his chance. That’s why baseball is the greatest game of them all.”

I grew up on Long Island and my father was a diehard, love-em-or-leave-em Mets fan. He was the reason I grew up hating baseball but he’s the reason I grew to love it as well. So, I’ll savor every moment of this World Series for my dad. And I’ll be rooting for his beloved Mets. Because I love baseball. And because I don’t know how not to.

BY THE NUMB#RS

Happy Halloween!

Halloween isn’t just for kids anymore: eight out of 10 millennials are expected to celebrate the day with friends this year. Here are some fast facts about America’s second most popular holiday.

157 million

Total number of Americans expected to celebrate Halloween this year.

3,000+

Number of U.S. children who are expected to wear a princess costume for Halloween. Disney’s “Frozen” was ranked number 5 in popularity, with 4.6 percent of children expected to don an Elsa, Anna or Olaf costume this year.

\$74

Average dollars each American will spend on Halloween candy, decorations and costumes in 2015.

49

Years that have passed since the premiere of the classic Halloween TV special, “It’s the Great Pumpkin, Charlie Brown!”

10

Percentage of dogs who are estimated to be dressed as a pumpkin this year. A “hot dog” is expected to be the second most popular animal costume.

2

Pieces of candy an average American household distributes to each trick-or-treater.

By STACY SMITH APG News
Source(s): www.cnn.com

Do YOU Know Your CPAC Rep?



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4504 Springfield Street
APG, MD 21005
Hours of Operation
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All Things MARYLAND

Antietam National Battlefield

Civil War history lives on in hills of Western Maryland

By **STACY SMITH**
APG News

In the hushed hills of Western Maryland lies the site of the bloodiest one day battle in American history. Nearly 23,000 Confederate and Union Soldiers were killed, wounded or missing after 12 hours of savage combat on Sept. 17, 1862. Antietam National Battlefield preserves their memory and encourages visitors to reflect on the sacrifices made during America's war between the states.

The Battle of Antietam was the first major battle in the American Civil War to take place on Union soil. In his book "Antietam: The Battle that Changed the Course of the Civil War," history professor James M. McPherson notes that during the battle, victory "see-sawed" between the Union and Confederate armies. Marylanders, who had more in common with Pennsylvanian farmers than Southern plantation owners, generally supported the Union Army.

By the end of the battle, the Confederate Army of Northern Virginia was not destroyed, as President Abraham Lincoln had hoped, but it was badly hurt. Three of the nine division commanders, 19 of 36 brigade commanders, and 86 of 173 regimental commanders were killed or wounded. The battle was the 'beginning of the end' for the Confederate Army and led to Lincoln's issuance of the preliminary Emancipation Proclamation.

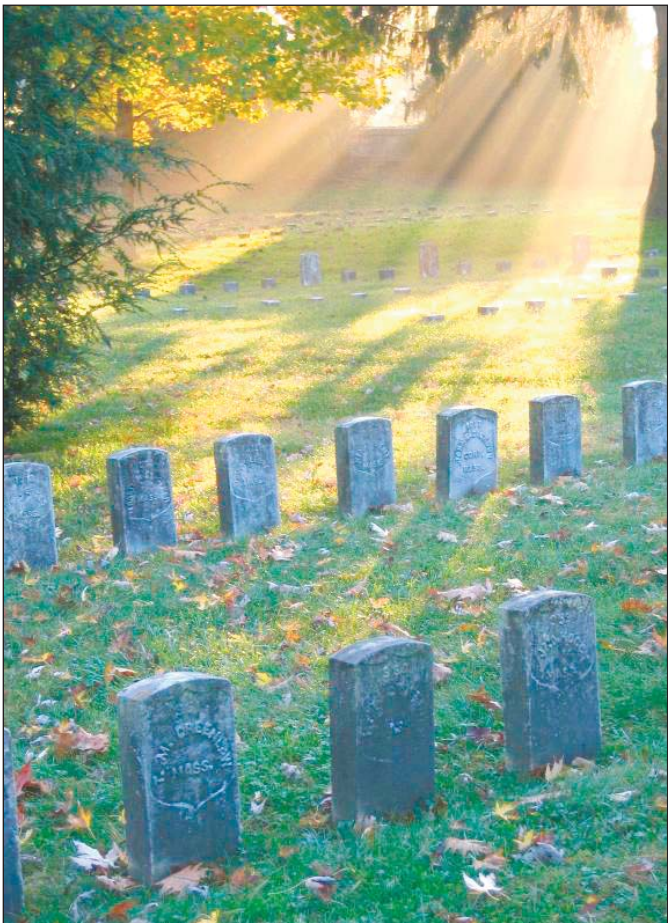
In 1890, Antietam became one of the first five Civil War battlefields preserved federally. Today, Antietam National Battlefield is a national park that consists of 2,743 acres with 96 monuments, the majority of which are Union. Battlefield visitors can explore the museum exhibits at the visitor's center and brush up on Civil War history with the 26-minute introductory film narrated by actor James Earl Jones.

Visitors can take a guided battlefield walk with park rangers or take the self-guided 8-and-one-half mile tour through the battlefield. The tour has 11 stops and begins at Dunker Church, the focal point of a number of Union attacks against the Confederates.

Other tour landmarks includes Burnside Bridge, where Confederate Soldiers held off repeated attempts by the Union Army led by Maj. Gen. Ambrose Burnside to capture the bridge, and "Bloody Lane," the gruesome half-mile long trench that became a mass grave during the battle. McPherson described the death toll:

"Four hours of action on this front left a carpet of blue-clad corpses strewn across the fields northeast of the sunken road and a carpet of butternut and gray-clad corpses in the appropriately named Bloody Lane...one could walk along the road without touching the ground."

The original graves of the deceased ranged from single burials to long, shallow trenches accommodating hundreds. In 1864, Maryland State Senator Lewis P. Firey introduced a plan to establish a state or national cemetery for the men



Courtesy photos

(Clockwise, from top, left)

Sunbeams grace the headstones at Antietam National Cemetery in Sharpsburg, Maryland. The Battle of Antietam was the bloodiest one-day battle in American history; President Abraham Lincoln visits Union Gen. George B. McClellan at his headquarters on Oct. 4, 1862, less than a month after the Union victory at Antietam. A captured Confederate flag lies on a table to the right of Lincoln; A cannon fires at Antietam National Battlefield during a living history demonstration, one of several featured by the National Park Service throughout the year.

who died in the battle. Antietam National Cemetery was dedicated on the fifth anniversary of the battle by President Andrew Johnson. The cemetery is the final resting place of 4,776 Union Soldiers, 38 percent of whom are unknown.

In addition, more than 200 non-Civil War dead are buried at Antietam. Veter-

ans and their wives from the Spanish-American War, World War I and II, and Korea were buried there until the cemetery closed in 1953.

Antietam National Battlefield is located in Sharpsburg, Maryland and is open year-round during daylight hours except on Thanksgiving, Christmas and New

Year's Day. The visitor center is open daily from 9 a.m. to 5 p.m.

Visitors should note that Burnside Bridge and The Observation Tower at Sunken Road are temporarily closed for major repairs to the historic structures. For more information, call 301-432-5124 or visit <http://www.nps.gov/anti/index.htm>.

Primary voting is right around the corner

Installation Voting Office

The Army will be kicking off the 2016 Voting Season on Nov. 4, 2015

The first primary of 2016 is less than three months away and the APG Voting Assistance Officer is urging Soldiers and Family members to make their voices heard.

Voting is especially important for service members, whose jobs and lives are directly impacted by the decisions of elected officials. Voting affects Soldiers' pay, benefits, and even their jobs. Laws being passed by elected officials can affect Soldiers, civilians, retirees and their family member in the future and they should take steps to ensure they have a voice on who will represent them and how it will affect them.

The first primary election will be in

February 2016 and the Absentee Ballot will be mailed by mid December 2015 to those Soldiers who request the ballots.

Soldiers and Family members must be registered to vote in any elections, and there is still time, regardless of the service member's home of residence.

Voting Assistance Officers are assigned at the company level and above to assist Soldiers and their family members to vote in local, state,

and federal elections. Voting Assistance Officers inform and educate Soldiers and their families about voting.

The Installation Voting Assistance Officer assists retirees, active-duty service members, Family members, and civilian employees with any voting related questions.

Soldiers and their family member who are not Maryland residents can vote absentee in the state and local elections. Voting assistance officers can help with the pro-

cess of registering and obtaining absentee ballots.

Any Soldier or family member not currently registered to vote can register at the Installation Voting Assistance Office, pick up the FPCA, or register online at www.fvap.gov.

Eligible voters are encouraged to visit their unit voting assistance officer or the Installation Voting Assistance Office in Bldg. 4305 on Susquehanna Avenue, for more information or assistance with absentee voting.

The Installation Voting Assistance Office is open 7 a.m. to 4:30 p.m. Monday through Friday. For more information during business hours contact the Installation Voting Assistance Office at 410-306-2302.



Vanpoolers needed on APG North

There are several existing vanpools looking for riders as well as individuals looking to start vanpools for the following listed to the right.

Commuters only need to be willing to travel to the designated areas to ride the vanpool. For more information, contact the APG Commuter Center POC, Syreeta Gross, at 410-278-5491 or syreeta.a.gross.ctr@mail.mil.

APG North (Aberdeen) to:

- ◇ Newark, Delaware
- ◇ Philadelphia, Pennsylvania
- ◇ White Marsh, Maryland
- ◇ Columbia, Maryland
- ◇ Aberdeen train station shuttle

MORALE, WELFARE & RECREATION



Upcoming Activities

LEISURE & TRAVEL MARVELS UNIVERSE LIVE DEC. 11-13

Marvel fans, assemble! Watch your favorite Marvel Super Heroes including Spider-Man, Iron Man and Hulk and threatening villains come to life in an action-packed arena extravaganza. You'll definitely feel the energy with cutting-edge special effects, pyrotechnics, aerial stunts, martial arts, motorcycles and more. It's being hailed as the most technically advanced live show ever. Join Marvel fans of all ages for this once-in-a-lifetime, monumental performance. The fate of the universe depends on it!

All tickets, while supplies last, are \$25 and available for the following dates and times:

- Friday, Dec. 11 at 7:30 p.m.
- Saturday, Dec. 12 at 11 a.m., 3 p.m., and 7:30 p.m.
- Sunday, Dec. 13 at 1 p.m. and 5 p.m.

To purchase tickets, visit MWR Leisure Travel Services at the APG North (Aberdeen) recreation center, Bldg. 3326. For more information, contact the Leisure Travel Office at 410-278-4011/4907 or email usarmy.apg.imcom.list.apgr-usag-mwr-leisuretravel.

CHILD & YOUTH SERVICES CIZE LIVE TUESDAYS, THROUGH NOV. 24

CIZE™ LIVE is professional dance for everyday people. Learn the hottest professionally-choreographed dance routines, step by step. From your first class, you'll be bustin' out moves you can take anywhere! It's so much fun, so exciting, you'll forget you're actually working out.

Class will be held at the APG North (Aberdeen) youth center, Bldg. 2522, from 6 to 7 p.m. each Tuesday through Nov. 24. Open to children ages 7 and up, the cost is \$49 for the seven-week session, or at an \$8 drop-in rate for CYSS members.

To register, call 410-278-7571/7479.

MINI INDOOR SOCCER REGISTRATION THROUGH NOV. 2

Registration for the upcoming Mini Indoor Soccer league will open Oct. 15 at Bldg. 2503. Registration will run through Nov. 2, and space is limited to 40 children.

Games will be held at the APG South (Edgewood) youth center, Bldg. E1902. Games begin Nov. 3 and will be held each Tuesday through Dec. 8 at 5:45 or 6:30 p.m.

Mini Indoor Soccer is open to girls and boys, ages 4-6. Children must be 4-years-old by Nov. 1. The cost is \$20 per child. A sports physical is required to play and tennis shoes or indoor soccer shoes must be worn, along with shin guards.

For more information, contact Bill Kegley at william.m.kegley3.naf@mail.mil or call 410-306-2297.

LET'S COOK OCT. 24 NOV. 14 DEC. 12

International cooking class will teach children different skills to prepare foods from different places around the world. The children will learn about sanitation and kitchen safety. They will also be taught different recipes that require little help from their parents. Children will learn to cook up to 3 dishes including a main dish and a dessert.

Each class, open to children ages 7 and up, will be held at the Corvias Bay-side Community Center, 2658 Chesapeake Ave., 10 a.m. to 1 p.m. The cost is a \$17 supply fee, per class.

For more information, contact Shirelle Womack at shirelle.j.womack.naf@mail.mil or call 410-278-4589.

PRE-SCHOOL AND KINDERGARTEN CHILD CARE OPENINGS

Child, Youth and School Services (CYSS) at Aberdeen Proving Ground (APG) offer active duty military and DOD civilians and contractors a comprehensive program to assist with full-day child care needs.

The Aberdeen CDC has immediate full-time child care openings at their facility for children ages 3 and 4 years old in need of full-time care and children attending Kindergarten that need Before & After School Care.

Through Teaching Strategies Creative Curriculum and TS Gold, the program helps children work with their strengths, interests, and each other, to feel good about themselves, and to grow as individuals. Activities are offered in the areas of oral language, social/emotional, physical, cognitive, literacy, mathematics, science & technology, social studies, arts and English language acquisition. Sign up your child today!

Participants must be registered with Parent Central Office. Fees are based on total family income.

For additional information contact Parent Central Office at 410-278-7479 or 410-278-7571.

SPORTS & RECREATION CUSTOMER APPRECIATION FALL GOLF OUTING OCT. 31

Ruggles Golf Course will host a Customer Appreciation 4-person scramble fall golf outing Oct. 31. Registration begin 11:30 a.m., with a 1 p.m. shotgun start. There will be on-course games and prizes. Cost is \$50 for a regular patron, \$40 for an annual patron. Cost includes course food and four beverage stations.

For more information, or to register, call the Ruggles Pro Shop at 410-278-4794.

VETERANS DAY SCRAMBLE NOV. 11

Ruggles Golf Course will host a Veterans Day 4-person scramble golf tournament. Registration begins 8:30 a.m. with a 10 a.m. shotgun start. There will be special contests for all veterans and prizes for the low veteran's teams. Cost is \$60 for a regular patron, \$45 for an annual patron. Lunch and awards will follow the tournament.

For more information, or to register, call the Ruggles Pro Shop at 410-278-4794.

2015 DEMO CLUB SALE NOV. 13 - DEC. 23

Ruggles golf shop is now selling 2015 Demo Clubs. Stop by to see the inventory and great savings on Callaway, Taylor Made, Titlesit and Mizuno clubs. Sale continues while supplies last. The Pro Shop is open from 9 a.m. to 5 p.m.

For more information and the special holiday menu, call 410-278-4794.

SUTHERLAND GRILLE CLOSES FOR SEASON NOV. 23 - APRIL 4

The Sutherland Grille at Ruggles Golf Course will close for lunch service for the winter season Nov. 23 and reopen April 4. During this time, the grille will open for meetings and special events.

For more information and the special holiday menu, call 410-278-4794.

HOLIDAY SEASON AT RUGGLES DEC. 1 - 18

Celebrate the holiday season at Ruggles with festive holiday music, seasonal decorations and a fire in one of our two fireplaces. The Sutherland Grille is booking special events for the December holiday season. Dates are available for weekday luncheons, after work functions, or weekend parties, between the hours of 11 a.m. and 10 p.m.

For more information and the special holiday menu, call 410-278-4794.

ARMY COMMUNITY SERVICE APPLYING FOR FEDERAL EMPLOYMENT NOV. 9

ACS will host an "Applying for Federal Employment" workshop, exploring the 10 steps to federal employment. Seating is limited to 30 individuals. Participants are encouraged to bring their lunch.

Registration is required. Visit www.mwejobs.maryland.gov; create a user

account; go to events calendar on left-hand side; move forward to appropriate date; click on "APG How to Apply for Federal Jobs"; Click register.

IDENTITY THEFT DEC. 3

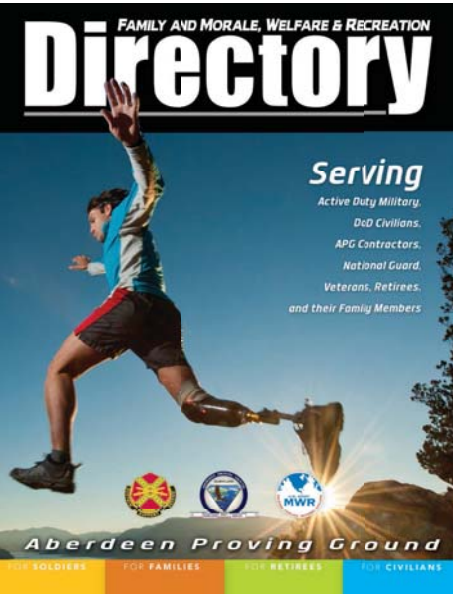
ACS will host a course discussing what ID theft is, how thieves steal your ID, and what you can do to deter, detect and defend against identity theft, 11:30 a.m. to 12:30 p.m., at Bldg. 2503. The class will also explain the different classifications of ID theft and how you can safeguard your information.

To reserve a seat call ACS at 410-278-9669/7572.

CREDIT FINESSE DEC. 10

ACS will host a course identifying ways to properly use and build credit, 11:30 a.m. to 12:30 p.m. at Bldg. 2503. The course will also explain good credit practices; identify measures to protect your credit; explain what is in a credit report; pinpoint credit report information used in forming your credit score; identify security measures to protect from identity theft; and identify ways to maintain a good credit report. The course is held in partnership with ACS Financial Readiness Program and Aberdeen Proving Ground Federal Credit Union

To reserve a seat call ACS at 410-278-7572/9669.



Learn more about
APG MWR activities
and services by
going online at
www.apgmwr.com
and downloading
the FMWR Directory.

Veterans Day Scramble

4 person

Wednesday, November 11
Golf tournament honoring our Veterans

Lunch and awards to follow.
Special contests for all Veteran's.
Prizes for low Veteran's Team

\$60 Regular Patron \$45 Annual Patron

For more information or to register, please call the Ruggles Pro Shop at 410-278-4794

Ruggles Golf Course
8:30 Registration
10 shotgun start

Brewner lanes presents

OPEN MIC KARAOKE NIGHT

November 13, 2015
6-9pm

Fun for all ages. Come discover your inner star.
For more information call 410-278-4041



Legally Speaking



New Maryland laws went into effect Oct. 1

By **AMY L. SNYDER**
Office of the Staff Judge Advocate

The 2015 Legislative Session of the Maryland General Assembly recently concluded. Here are some highlights from this year's legislative session:

Military Retired Pay: The tax exemption on military retirement pay for individuals over age 65 increased from \$5,000 to \$10,000.

Divorce Residency Requirement: The residency requirement prior to filing for divorce in Maryland was lowered to six months (previously it was one year).

Divorce Grounds: Maryland introduced a new grounds for divorce which will permit divorce without a waiting period. It requires that the parties have no minor children, have a written agree-

ment on all issues, and jointly file the petition for divorce.

Protective Order eligibility and jurisdiction: A petition for a protective order may be filed in Maryland if the person eligible for relief is a Maryland resident, even if the abuse did not occur in Maryland.

No-interest loan fund: Maryland established a no-interest loan program and fund for military and veteran-owned small businesses.

New home contract requirements: Maryland now requires all new home contracts to contain a contingency which allows the buyer to cancel the contract if unable to obtain acceptable financing and provides for the return of any deposits.

Rental security deposits: The inter-

est rate for security deposits is now 1.5 percent per year or the U.S. Treasury yield current rate. Maryland also has a calculator that will be available on the Department of Housing and Community Development website that will automatically calculate the correct interest amount.

Guardianships: Attorney's fees for the disabled individual may now be paid from the disabled individual's assets.

Court records fees: Former or active military members to get certain court records (e.g., a marriage license) at no charge.

Speed limit raised: The speed limit will be raised from 65 to 70 mph on certain state highways.

Funeral expenses limit: The allowed funeral expenses limit in estates was

raised from \$10,000 to \$15,000.

Foreign support orders: The Uniform Interstate Family Support Act was revised to include support orders from foreign countries. This change brings Maryland's child support statute in line with the Hague Convention requirements.

Fertility coverage: Maryland now mandates non-discrimination in coverage of same-sex couples in fertility coverage.

Members of Team APG who are eligible for legal services should contact the Client Services Division, Office of the Staff Judge Advocate, 410-278-1583 or visit the office in Bldg. 4305, Room 317, for more information. Attorney consultations require an appointment.



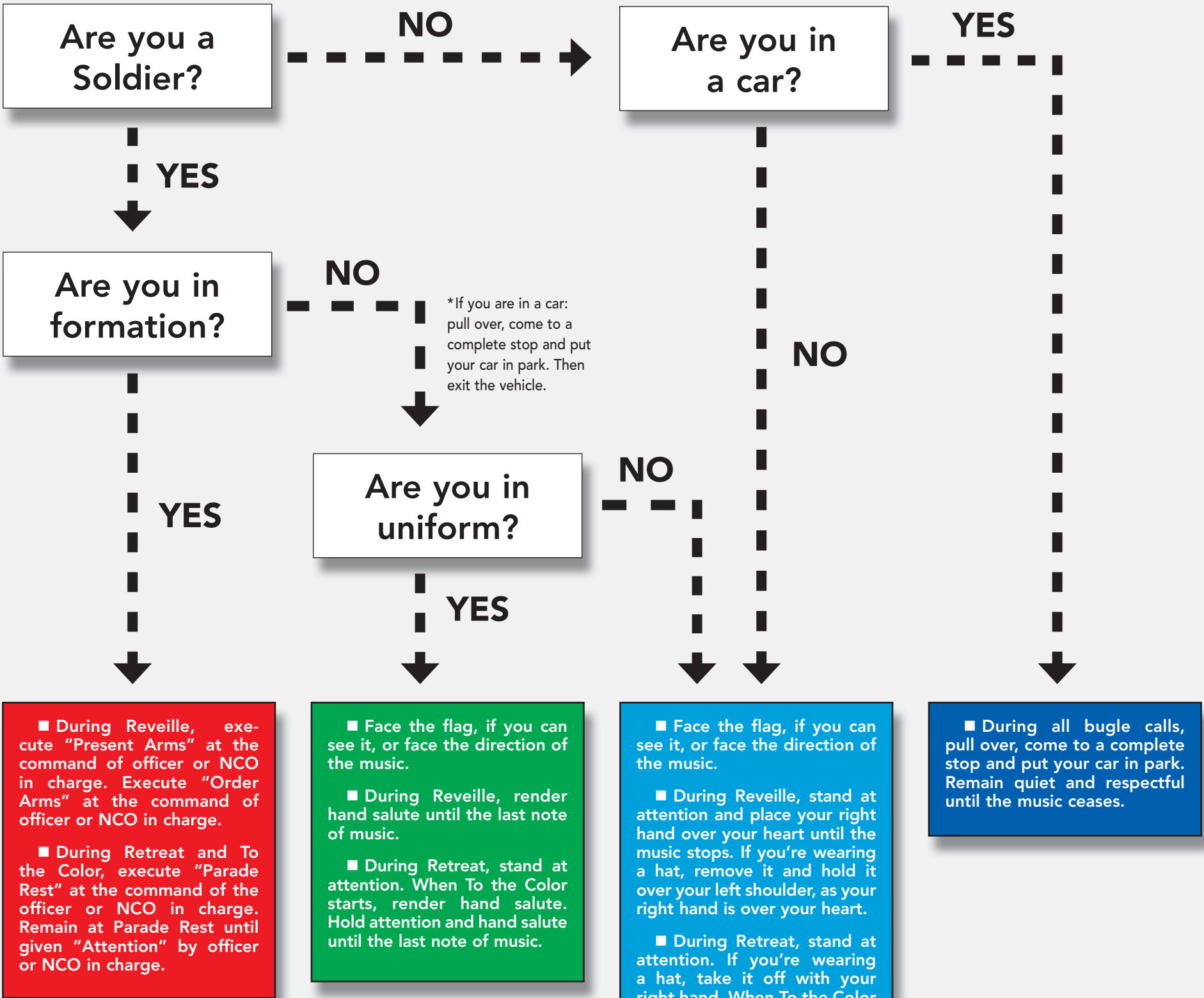
DES teaches fire safety at APG South youth center

Jacob Fruchey, 9, extinguishes a controlled fire with assistance from Directorate of Emergency Services personnel during a Fire Prevention event at the APG South (Edgewood) youth center, Oct. 15.

Photo by Jay McKinney



You hear the bugle call, now what?



HINT: Reveille is heard in the morning, at 6:30 a.m. Retreat and To the Color are heard in the early evening, at 5 p.m.

Early environmental testing quickly pushes equipment to the limit

By **KATHRYN BAILEY**
CERDEC Command, Power & Integration Directorate

Explosive atmospheres, extreme temperature fluctuations and powerful vibrations – these are just some of the punishing environmental conditions military communications equipment must endure on the battlefield or in the sky.

Field survivability tests are an effective means to test the equipment’s functionality and ensure Soldier safety, but Army and industry developers also use environmental test labs as a viable alternative to real-life testing.

“Using a lab to replicate the harshest environmental conditions expedites the testing process at a fraction of the cost,” said Christopher Manning, Command Power & Integration Directorate’s Prototype Integration & Testing Division chief, under the Army’s Communications-Electronics Research, Development and Engineering Center, or CERDEC.

Most importantly, an Army program of record’s test is its final exam; therefore, it makes sense to take a few practice tests in a lab first, Manning said.

The Environmental Test Facility is located in CERDEC’s Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance Prototype Integration Facility, or C4ISR PIF. The facility, located at Aberdeen Proving Ground, provides customers with a wide range of capabilities to test design integrity, ensure equipment adheres to military specifications and troubleshoot design prototypes to ensure the most comprehensive equipment reaches the warfighter.

Environmental testing is one component of CERDEC’s testing capabilities designed to help inform requirements that advance Soldier communications capabilities for overall situational awareness.

Vibration

The most requested environmental test is the vibration test, performed using the electrodynamic shaker to determine how equipment responds to various vibration frequencies.

Project Manager Warfighter Information System, or WIN-T, recently engaged the Environmental Test Facility to test prototyped brackets, which were attached to transit cases and designed to hold communications and network equipment in place onboard a C-17 aircraft during flight.

The brackets remained intact despite enduring violent airborne vibration simulations, but when the engineers switched the profile to simulate ground-based vehicles driving over worst-case rough terrain, some of the brackets cracked.

“The original manufacturer designed the case that the brackets mount to for air transport and certain vehicular vibrations,” said Michael Panko, CERDEC CP&I engineer. “However, the transit cases will be transported by ground vehicle to the aircraft, so it was imperative that they withstood more rigorous vibrations.”

This quick test took very little effort compared to the time and expense WIN-T could have incurred if the brackets had been deployed and then pulled back for redesign, Panko said.

CERDEC CP&I Power Division also required vibration testing for its Enhanced Modular Universal Battery Charger, which provides brigade combat teams with a man-portable and vehicle mounted capability to charge multiple battery types simultaneously.

“PIF engineers were extremely professional and provided detailed testing expertise in all phases of military environmental standard testing,” said Anthony DeAnni, CERDEC CP&I team leader. “Within weeks we were able to schedule time in the lab, run the tests and obtain detailed results to validate the charger will meet mission needs.”

High/Low Temperature and Altitude

The Army’s high-tech systems must also contend with fluctuating harsh cli-



(Above) A High Mobility Multi-purpose Wheeled Vehicle (HMMWV) sits inside the CERDEC C4ISR Environmental Test Facility's drive-in chamber, which allows for temperature and humidity testing of vehicle-sized equipment, shelters and large live power load equipment.



(Left) Michael Panko, CERDEC CP&I engineer, examines a metal plate after it has been exposed to extreme salt and humid environmental conditions inside the salt fog machine located at the CERDEC C4ISR Environmental Test Facility.

Photos by Conrad Johnson

mates; therefore, high and low temperature and humidity testing is also requested on a regular basis.

These tests expose equipment to temperatures between -130 to 392 degrees Fahrenheit (-90 to 200 degrees Celsius) and can also include altitude testing for up to 100,000 feet. The tests take place in a wide range of chamber sizes to allow testing on the equipment “as is” or integrated into a military wheeled vehicle.

Engineers from CERDEC’s Space and Terrestrial Communications Directorate, or S&TCD, have relied on the Environmental Test Facility for several tests, including a recent high and low temperature test on a signal processing device known as a band reject filter used on a Mine Resistant Ambush Protected Vehicle, or MRAP.

“Environmental data for this particular filter did not exist, so we were unsure if the filter could perform in extreme temperatures on the vehicle,” said Jerson Zuniga, S&TCD engineer. “After we tested the filter in the chamber, our Project Manager customer was able to make an informed decision regarding the hardware’s implementation, which ultimately lead to its successful fielding.”

Explosive Conditions

The Environmental Test Facility can also test for a variety of explosive atmosphere conditions.

For example, lithium batteries can rupture and vent off gas if they become overcharged, damaged or reach the end of their lifecycle. The violent battery vent simulation test, based on a calculation developed by the Communications-Electronics Command Safety Directorate, quickly releases pressure into an apparatus that holds the battery. Engineers monitor the response to see how fast that box releases the pressure, with the goal of safely releasing the pressure without the box blowing apart or

rupturing, creating a dangerous projectile situation.

Explosive atmospheres can also occur mid-flight when fuel fumes inside a cargo or transport aircraft and an effective ignition source are present.

“Something as simple as turning on a radio could create a small spark, and combined with the fumes could potentially become an explosive mid-air disaster in an instant,” Panko said. “If you are inside a vehicle, taking one or two breaths of those fumes until you can safely exit the vehicle is certainly preferable to being hit with a large piece of shrapnel.”

Engineers conduct this atmospheric explosive test by placing communications equipment into a special chamber, then simulating an explosive atmosphere. If the equipment does not ignite after it is remotely turned on and operated then it passes the test.

In some instances though, customers want to test the equipment’s durability should it be exposed to a blast in an enclosed area. The engineers can intentionally light the atmosphere then safely vent the chamber at the test’s conclusion.

Salt Corrosion and High Voltage

Salt fog testing is another popular and critical test in the Environmental Test Facility because some metals can begin to corrode after only a few hours of salt-water exposure.

PM WIN-T recently had Environmental Test Facility engineers test the seals and connectors that were part of a new cable design used to deliver power to the Satellite Terminal Transportable system. After placing the cable in the salt fog cabinet for a standard 48-hour test, including intermittent drying times, engineers determined that the surface coating on the connectors was slightly deteriorated in appearance. However,

the cable itself remained watertight and testers determined it would not adversely affect the function or electrical characteristics of the connectors.

High voltage testing, also known as High Potential testing, ensures cables and equipment remain properly insulated if exposed to over-voltage situations – especially those caused by human error while in use in a dynamic field environment, Panko said.

This process is done in a controlled environment by intentionally exposing the cable to an extremely high electrical voltage – typically five to 15 times the normal operating voltage.

Test Process and Safety

Department of Defense and industry customers partner with the Environmental Test Facility to test military-built and ruggedized commercial-off-the-shelf products.

“The process to test military or commercial equipment is straightforward,” said Tom Stezar, a PI&T Division branch chief under CERDEC CP&I. “We can schedule and perform tests on short notice because we do not have the typical backlog associated with field-based testing on vehicles and weapons system.”

The Environmental Test Facility capabilities adhere to strict MIL-STD-810 and ISO 9001 mission reliability and quality standards and all measurement equipment is calibrated to the National Institute and Standards Technology traceable standards. NIST standards ensure each piece of communications equipment tested in the lab performs as designed in the most predictable—and the most unlikely—scenarios.

“Deploying equipment that fails on the battlefield can be a dangerous, frustrating and expensive problem,” Panko said. “Investing in a test upfront can save a lot of money in the long run, but most importantly, it can save Soldier lives.”

See Something

Cut along dotted lines and fold in middle for use as wallet reference Card.

Provided by the INTEL DIV/DPTMS

Say Something

INSTALLATION WATCH CARD

DO OBSERVE & REPORT

- Suspicious activity or suspected surveillance.
- Unusual questions or requests for information relating to capabilities, limitations, or operational information.
- Unusual vehicles operating in or around APG.
- Unusual phone calls, messages, or e-mails.
- Unusual contacts on or off post.
- Unusual aerial activity near or around installation.
- Any possible compromise of sensitive information.

INSTALLATION WATCH CARD

DON'T

- Discuss any aspect of military operations or planning.
- Discuss military capabilities or limitations.
- Discuss FP measures, capabilities, or posture.
- Disclose information about R&D and testing.

Report suspicious activity immediately to APG Police!

APG (North & South): 410.306.2222
Off Post in Maryland call 1-800-492-TIPS or 911

Card created by APG Intel

THIS WEEK IN APG HISTORY



Take a look back in time as the APG News explores what made the headlines around APG during this week 10, 25 and 50 years ago. This week's APG News masthead is from 1995.

By **YVONNE JOHNSON**, *APG News*

2015

10 Years Ago: Oct. 27, 2005

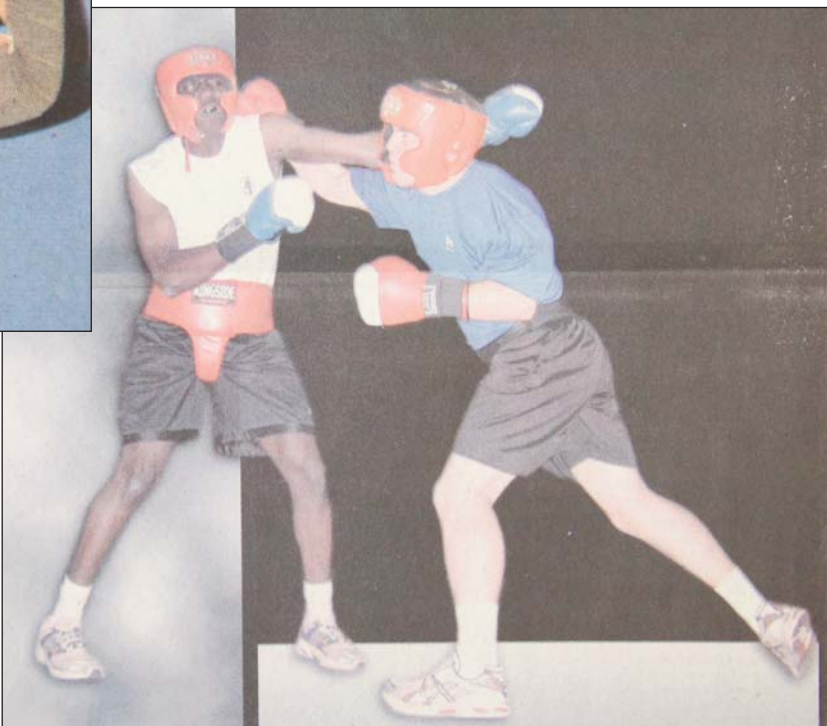


(Left) Dr. Bruce Jones, front, of the former U.S. Army Center for Health Promotion and Preventive Medicine takes flight with Sgt. Maj. Michel Eitnietar of the Army Golden Knights parachute team during a demonstration skydive.

2010

2000

(Right) Antwan Farmer of the 16th Ordnance Battalion, left, and Elester Warner from the 143rd Ordnance Battalion, right, go at it during the MWR boxing smoker at Hoyle Gym.



25 Years Ago: Oct. 24, 1990



(Left) Sgt. Alex Rodriguez, right, serves a helping of "Puerto Rican Chicken Stew" to Capt. John Murphy during a Hispanic Heritage Month luncheon hosted by the U.S. Army Chemical Research, Development and Engineering Center.

1990

1980

(Right) Dr. James Valdes of the U.S. Army Chemical Research and Development Center Research Directorate, right, gets his baseball card autographed by Billy Hunter, director of athletics at Towson State University and former Major League Baseball player and manager.



50 Years Ago: Oct. 28, 1965



(Left) Mrs. William A. Gross Jr. serves coffee and cookies to Pvts. Danny L. McCafferty, center, and Stanley Leppert, left, at the former United Service Organization (USO) club in Aberdeen.

1970

1960

(Right) Attendees to the first Test and Evaluation Command Sergeants Major Conference include, from left, Sgt. Maj. Franklin Latham Jr. from the Arctic Test Center, Fort Greely, Alaska; Maj. Gen. James W. Sutherland Jr., post commander; Sgt. Maj. Hector L. Merly from the Tropic Test Center, Fort Clayton, Canal Zone; and TECOM Sgt. Maj. Curtis A. Shellenberger.



1950

Survey impacts DOD aid to schools

CYSS

Parents who live or work on APG, including military and civilians, family members and contract employees, may directly contribute to their child’s school funding for the next school year by completing and returning the Federal Impact Aid survey card that is sent home with their child on Oct. 30.

The Department of Defense Education Activity (DoDEA) uses statistical information provided by the Federal Impact Aid survey to determine which schools will be reimbursed for loss of tax support associated with federally connected students residing on and off the installation.

By completing and promptly returning the confidential survey, parents support the funding that impacts their child’s education.

“The more forms that are turned in, the more money we could possibly get,” said Stacie Umbarger, APG school liaison officer. “There are a



couple of schools that are not really getting all the numbers they possibly could, so hopefully we’ll get some more awareness about how important these forms are.”

With the help of the Federal Impact Aid program, the DoDEA Educational Partnership awarded a \$1.2 million Science Technology Engineering and Mathematics (STEM)-related grant for the 2014-2015 school year to four Harford County Public Schools that provide educational services to more than 924 students whose parents are employed by APG.

The ‘Eagles Soar Initiative’ grant will

provide students attending Roye-Williams Elementary School in Havre de Grace, Church Creek Elementary School in Belcamp, and Aberdeen Middle and High Schools with after-school and summer STEM programs, new technology in Advanced Placement biology, chemistry and physics classrooms, and opportunities to explore careers in strategic foreign languages.

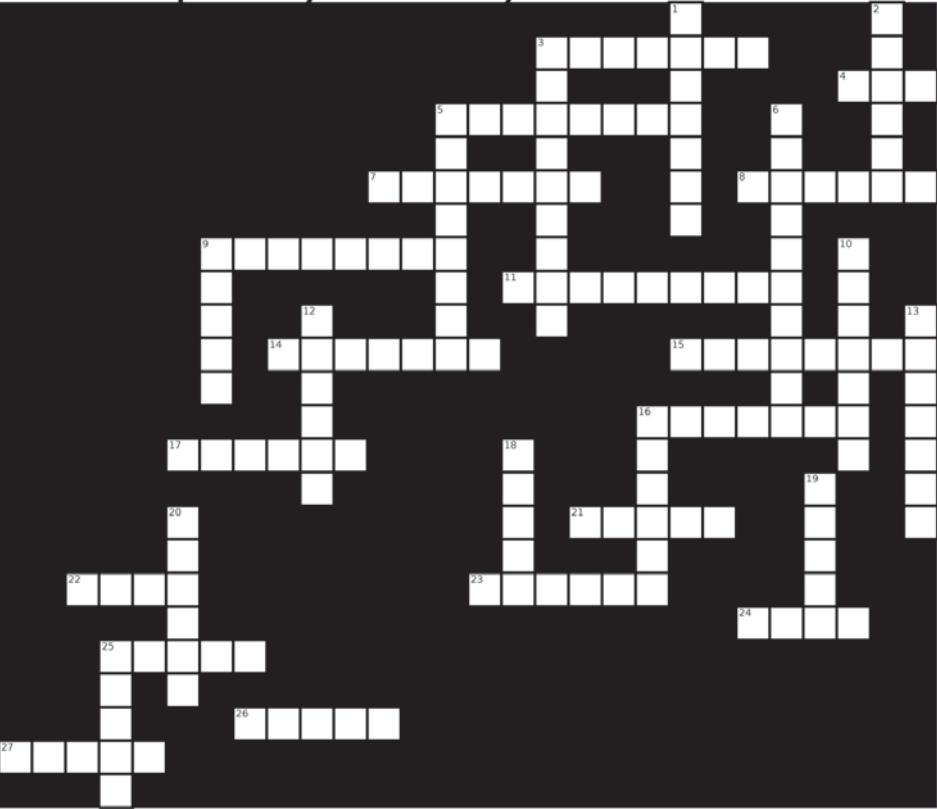
The grant also provides professional development for teachers in science and technology.

To be eligible for participation in the grant, a school must have a federally-connected student population of 15 per-

cent or more.

Altho u g h funding levels are related to federally-connected student enrollment, proposed grant programs benefit every student attending the targeted schools.

For more information about the Federal Impact Aid survey, contact Stacie Umbarger, APG school liaison officer, at 410-278-2857, or stacie.e.umbarger.naf@mail.mil. For information about the Impact Aid Program, call 202-260-3858, or visit the Department of Education’s website at <http://www2.ed.gov/about/offices/list/oese/impactaid/index.html>.



The APG Crossword

Halloween

By **STACY SMITH**, APG News

On Oct. 31, children all over the U.S. will dress in costume and go door-to-door trick-or-treating to celebrate Halloween. Complete this puzzle to test your knowledge of the spooky holiday.

Across

- Gaelic seasonal festival in which many scholars believe Halloween has its roots.
- Nocturnal mammal associated with Halloween.
- Representation of a human skull, often made of sugar or clay, used in the Mexican “Day of the Dead.”
- Antagonist from Wes Craven’s film “A Nightmare on Elm Street.”
- This most popular type of

- pumpkin used for carving is named after the farmer that originally bred them in the 1960s
- Country in which the term “Halloween” originated.
 - Term for the Catholic feast day which commemorates the departed faithful.
 - Similar to trick-or-treating, this Scottish and Irish tradition includes children that dress in costumes and go door-to-door for treats.
 - Michael Jackson’s 1984 Hal-

- loween-themed hit song.
- Squash plant that is carved to make a jack-o’-lantern.
 - Genre or mode of literature that combines fiction, horror, death and Romanticism.
 - Sugary treats distributed to trick-or-treating children on Halloween.
 - “Monster _____” is a 1962 novelty pop song that is a perennial favorite Halloween tune.
 - Type of Hershey’s confection that is the most-purchased candy during the Halloween season.
 - These black-furred, four-legged creatures have often been looked upon as symbols of evil omens.
 - Medieval European people who used Halloween to mark the end of the harvest season and the beginning of winter.
 - Classic scary Halloween costume often inexpensively created by wrapping oneself in toilet paper.
 - Ghoulish father in “The Addams Family.”

Down

- The quality of having a grim or ghastly atmosphere.
- Halloween color that symbolizes autumnal crops and turning leaves.
- Often used as Halloween decoration, this decoy or mannequin in the shape of a human is meant to deter birds from disturbing crops.
- Large metal kettle used by witches to make magic potions.
- Witches are often depicted as flying on this common household item.
- Trick-or-treating was stalled by the rationing of this food during World War II.
- Late medieval Christian practice predating trick-or-treating in which children begged door-to-

- door for food, ale and money.
- Actress who made her film debut in the 1978 John Carpenter horror film, “Halloween.”
 - The 1897 Gothic horror novel by Irish author Bram Stoker.
 - Baltimoreans typically refer to the evening before Halloween, “Mischief Night,” as “Moving Night”, a time for teenagers to play _____ on neighbors.
 - Fruit used during Halloween ‘bobbing’ game.
 - People who give credence to paranormal activity believe that ghosts _____ the living.
 - Creator of the comic strip whose characters appear in the 1966 animated television special, “It’s the Great Pumpkin, Charlie Brown.”
 - Alcoholic beverage made from the fermented juice of apples that is often consumed on Halloween.

Think you solved last week’s puzzle?
Check out the solution below



WORD OF THE WEEK

Patriarch

Pronounced: PEY-tree-ahrk

Part of Speech: Noun

Definition:

- The male head of a family or tribe.
- An older man who is powerful within an organization.
- The male founder of something.
- Any of the very early Biblical personages regarded as the fathers of the human race, comprising those from Adam to Noah (antediluvian patriarchs) and those between the Deluge and the birth of Abraham.

Use:

- Prior to his death in 2009, former Massachusetts Senator Ted Kennedy was the patriarch of the prominent Kennedy family.
- The biblical patriarch Jacob mourned over his son Joseph for 22 years, mistakenly believing that he had been killed by a wild animal.
- The late patriarch was the founder of his family’s enormously profitable fashion empire.

By **YVONNE JOHNSON**, APG News
Source(s): www.dictionary.reference.com www.oxforddictionaries.com www.webster-dictionary.net

ACRONYM OF THE WEEK

DCAA

Defense Contract Audit Agency

The Defense Contract Audit Agency (DCAA) provides audit and financial advisory services to Department of Defense and other federal entities responsible for acquisition and contract administration. DCAA operates under the authority, direction, and control of the Under Secretary of Defense (Comptroller)/Chief Financial Officer. An agency of the United States Department of Defense under the direction of the Under Secretary of Defense (Comptroller), DCAA was established in 1965 to perform all contract audits for DOD. Previously, the various branches of military service were responsible for their own contract audits.

The DCAA’s duties include financial and accounting advisory services in connection with negotiation, administration and settlement of contracts and subcontracts. To a lesser extent, it also performs audits for other federal agencies.

The agency is organized into five geographic regions: Western, Central, Eastern, Mid-Atlantic and Northeastern. DCAA headquarters is located at Fort Belvoir, Virginia in the same building as the Defense Logistics Agency.

By **YVONNE JOHNSON**, APG News
Source(s): <http://www.dcaa.mil>



Photo by Molly Blossse
“Alt Washingtonia,” a traditional German dance troupe, perform a dance commonly known as the Maypole dance in the Festhalle at the APG North (Aberdeen) recreation center during Oktoberfest, Oct. 24. The troupe performed five sets over the course of the day, each showcasing traditional Bavarian dances, songs, customs and costumes.

Oktoberfest brings oompah to APG

Continued from Page 1

Festivities were for young and old. On the patio, caterers served German beer, bratwurst, schnitzel and apple strudel. Top of the Bay catered the Oktoberfest and 1SGT’s Barbecue was open for American foods. Across the street was a the marktplaz or market place featuring local vendors of jewelry, clothing, gifts and more, along with a



Family Zone with inflatable rides and games for children.

The Edelweiss Oompah Band provided musical entertainment both days along with the Alpenlaenders Band and the Washingtonia Dancers. Bavarian costumes, dances and musical instruments worn and used by the musicians and dancers added to the festive atmosphere. On Saturday, Morale, Welfare and Recreation hosted a 5K Volksmarch in the morning and a Car Show and contest in the afternoon.

Seventy people participated in the 5K (3.1-mile) Volksmarch; a leisurely autumn stroll around the installation that started from the athletic center.

Angela Moncrief, a military retiree and CECOM civilian, said she participated in Volksmarches while stationed in Germany.

“This is a beautiful day, the weather is nice and the trees are turning,” she said. “They couldn’t pick a better day for the Volksmarch.”

1st Lt. Miguel Arvelo from the 20th CBRNE Command walked with his wife, Monika, and 2-year-old son, Matthew.

“I am having a good time chasing after my son,” he said. “Any time we go outdoors and he has the opportunity to run around, he will do it.”

Janet Thacker, an Aberdeen resident, called Volksmarching a “family

Alt Washingtonia performers Heike Bergeron, on left, and Glenn Rife perform a traditional German dance in the Festhalle at the APG North (Aberdeen) recreation center during Oktoberfest, Oct. 24.

Photo by Molly Blossse

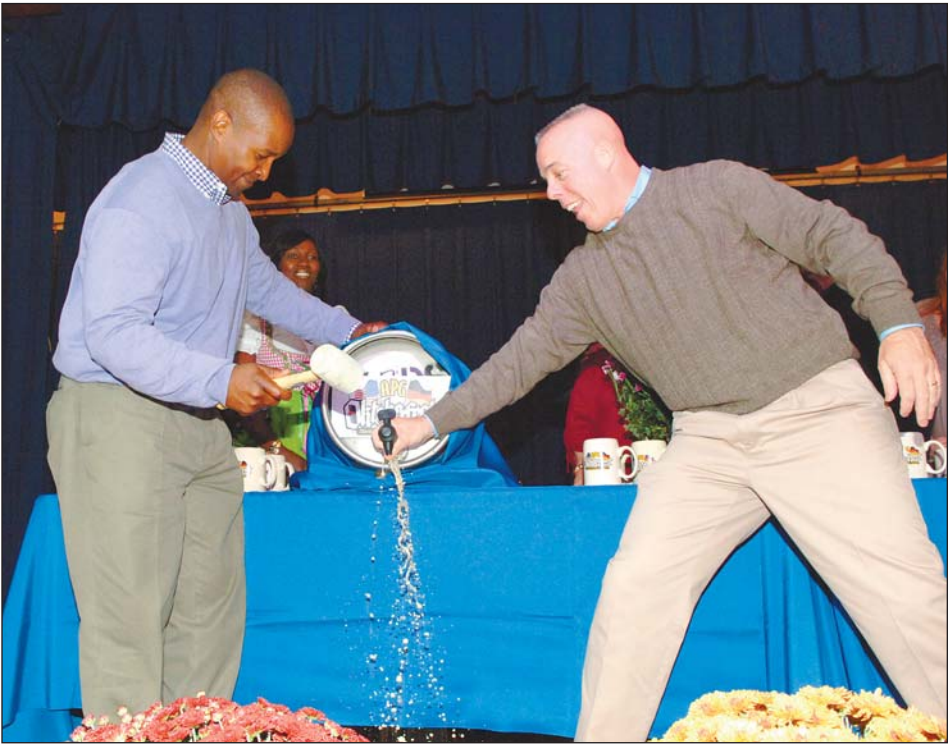


Photo by La’Mont Harbison
APG Senior Commander Maj. Gen. Bruce T. Crawford ceremoniously taps the Oktoberfest keg with the assistance of APG Senior Command Sgt. Maj William G. Bruns and other on-post and local community leaders, officially kicking off APG’s third Oktoberfest, Oct. 23.

tradition.”

“It usually take us to places we haven’t been before,” she said. “It’s like an adventure.”

Freestate ChalleNGe Academy cadets offered water to walkers from aid stations along the route and Byron Reasin, MWR sports fitness program manager, presented medallions to participants who completed the march.

An Oktoberfest Car and Bike Show featured more than 60 collectors showcasing premium condition cars and motorcycles. The vehicles ranged from classics and imports to street rods and muscle cars.

Trophies were awarded for the best in show in each category. The overall best in show award went to Gerry Olyphant, an Aberdeen resident who entered her 1965 Ford Mustang. Olyphant bought the car in 1964 and her

husband, Don, has worked on it off-and-on since 1974. He finished restoring the car in August.

“Winning brings tears to my eyes,” Don Olyphant said. “[Restoring a car] starts as a labor of love, then it becomes an obsession,”

Ken Emerson with the U.S. Army Research, Development and Engineering Command attended the car show with his family.

“I think the car show is pretty neat,” he said. “It is something to do, and it gets the kids out of the house while it is still decent weather.”

After an evening of more music, brats and beer, festivities ended with a fireworks show in the evening.

See more photos from the 2015 APG Oktoberfest on page 19, or visit www.flickr.com/usagapg.

APG CATCH-A-POACHER PROGRAM



A wide variety of wildlife call Aberdeen Proving Ground home. The APG Conservation Law Enforcement Branch is asking you to be a partner in protecting and preserving the natural resources here on post. If you see or have knowledge of poaching or illegal activity involving wildlife or natural resources, you can use the SUBMIT-A-TIP hotline to anonymously provide information to catch a poacher.

Call the SUBMIT-A-TIP “HOTLINE” at 410-306-4673.
Emergencies or violations in progress should always be reported via 911.

When reporting poaching or illegal activity involving wildlife or natural resources on APG, please take note of the information listed in the form below.

Name/Description/Address of the Poacher
Location/Days/Times & Type of Poaching
Vehicle/Vessel Description or Registration #

You can also cut out this completed SUBMIT-A-TIP form and mail it to: 2200 Aberdeen Blvd. APG, MD 21005

Walk honors breast cancer survivors

Continued from Page 1

officer who organized the event.

“The purpose of the walk was to raise awareness for breast cancer survivors, promote research and encourage women to conduct self-exams regularly and get mammograms beginning at age 40, or 35 if you have a family history of breast cancer.”

Breast cancer survivor Ann Laughton, retired KUSAHC community health nurse, shared a few words with attendees who gathered at Fanshaw Field before the walk.

Laughton was diagnosed with breast cancer in October 2011, and she completed chemotherapy treatments in 2012. She said survival does not end with the end of treatment.

“For me and for many who receive this life-altering diagnosis, the battle forward is very multifaceted,” she said. “For each one of us the course is varied; there is no two people that live the same walk.”

Laughton said many who are diagnosed with cancer will experience some post-traumatic stress disorder symptoms.

“If you are strong and brave, you raise your hand and you seek treatment from the right people that can help you to overcome it,” she said. “There are many resources in our community. Help yourselves and help those that you love to seek them.”

Laughton called survivorship an “active process of recovery and discovery.”

“As you walk or run today, please think of all of us who are living the world of survivorship,” she said. “Advocate for them when they struggle, provide encouragement during their treatment and their recovery from treatment and give long-term support as they enter a long and new era in their lives.”

Laughton said the event is not just about breast cancer, it is about living healthy lives.

Participants said they appreciated the opportunity to attend a breast cancer awareness walk on post.

“When I am walking, I am walking like I found the cure, and I am thanking God. Cancer doesn’t have a name, it could happen to anybody.”

Sgt. 1st Class Pamela Jones
Senior paralegal for the Army Material Command Legal Center-APG



From left, Shonté Fletcher, Shardá Dandridge, 19-year breast cancer survivor Sgt. 1st Class Pamela Jones, Yvette Graves and Sgt. 1st Class Dalphanie Terrell from the Army Material Command Legal Center-APG, showed up in pink to support breast cancer survivors everywhere during the third annual Breast Cancer Awareness walk at Fanshaw Field Oct. 21.

A group from the Army Material Command Legal Center-APG made shirts to honor senior paralegal Sgt. 1st Class Pamela Jones, a 19-year breast cancer survivor. The pink shirts read, “Believe There is Hope 4 a Cure” or “Do it 4 Pam.”

“I learned more information about the risk factors of breast cancer,” said Shardá Dandridge, with the AMCLC-APG. “It was a good reminder to do self-exams on a regular basis.”

Jones said she was touched by the show of solidarity from her colleagues. She added that she walked for her two sisters, who are also breast cancer survivors.

“When I am walking, I am walking like I found the cure, and I am thanking God,” she said. “Cancer doesn’t have a name, it could happen to anybody,” she said. “The more you get people to participate [in events like this] the more you get people thinking, ‘it could happen to me.’”

For more information about breast cancer awareness, call KUSAHC Community Health Nurse Sue Singh at 410-278-1771 or email sunaina.singh.civ@mail.mil.

CFC Kickoff

The event featured a kickoff for the APG 2015 Combined Federal Campaign (CFC), which runs through Dec. 15.

According to the Chesapeake Bay Area CFC website, at <http://cbafc.org/>, CFC is the largest and most successful workplace fundraising campaign in the world. Over the past 50 years, CFC has raised \$7 billion to help those in need.

CFC Installation Coordinator Sgt. 1st Class Anthony Woods said the 2015 goal for APG is \$350,000.

“It is a very important cause,” he said. “We have to help those that are less fortunate than ourselves.”

Chesapeake Bay Area CFC Loaned Executive Rachel Reichlyn noted that donors have 20,000 CFC charities to choose from. She said that people can give with confidence, because each charity is vetted by federal employees.

Reichlyn said CFC is also convenient. Donors can make contributions via cash, check, or credit/debit card and government civilians and service members can donate through payroll deductions.

“With the campaign, a small contribution, a dollar a week, goes a long way,” she said. “Fifty-two dollars a year can actually make an impact.”

For more information about the CFC campaign call Woods at 410-278-1887, email anthony.l.woods3.mil@mail.mil, or visit <http://www.cbafc.org>.

New lab to replace 90-year-old facilities

Continued from Page 1

Lt. Gen. Patricia D. Horoho, the Army Surgeon General and commander of the U.S. Army Medical Command was the keynote speaker of the event. In her remarks, she said the groundbreaking was a historic moment for the APHC.

“This has been a labor of love from this community,” she said. “The Army’s investment in the new facility is a symbol of their respect and their appreciation of the vital role of this great organization.”

Currently, APHC’s occupational and environmental health operations, analytical laboratories, as well as toxicology testing laboratories and the associated infrastructure support, are housed in 10 outdated buildings scattered over a wide area on APG South. Most of these buildings are circa World War I and pre-World War II structures, ranging in age up to 90 years.

The new laboratory will optimize the current and emerging public health surveillance missions of the APHC. The \$210 million structure will allow staff from many of the various APHC portfolios to work in one location and with shared logistical and operational assets, in a space of approximately 279,000

gross square feet

“This project has been at least 25 years in the making, and it is exciting to see it come to fruition,” said John Resta, director of the APHC.

Staff who occupy the building will include military and civilian personnel who are biologists, chemists, toxicologists, industrial hygienists, health physicists, veterinary pathologists, laboratory animal veterinarians, animal care technicians and other public health professionals who have a significant impact on operational readiness and sustainment by continuously evaluating products and compounds to keep Soldiers ready and DOD employees, animals and their environment safe.

Lt. Gen. Patricia D. Horoho, U.S. Army Surgeon General and commander of the U.S. Army Medical Command, center, John Resta, director of the Army Public Health Center, left, and Col. John Teyhen, deputy director for the Army Public Health Center, right, break ground on the site of a new laboratory facility at APG South (Edgewood) Oct. 22.

Photo by Christina Graber



Leave Donations

To participate in the Voluntary Leave Program, use forms OPM 630, Application to Become a Leave Recipient Under the Voluntary Leave Transfer Program; OPF 630-A, Request to Donate Annual Leave to Leave Recipient Under the Voluntary Leave Transfer Program (within agency); or OPM 630- B, Request to Donate Annual Leave to Leave Recipient Under the Voluntary Leave Transfer Program (outside agency). Please contact Sue Campbell at 410-306-0266 or sue.a.campbell8.civ@mail.mil

Employees eligible for donations in the Voluntary Leave Transfer Program

Acevedo, Rachel	Dissek, Michael J.	King, Sharon M.	Morrison, Cassandra D.
Acosta, Jeannie M.	Finegan-Bell, Antoinette	Kladitis, Johnathan	Morrow, Patricia D.
Adair, Jennifer	Fleetwood, Phylicia R.	Kuciej, Andrea D.	Russo, Vincent
Alba, Audrey	Gaddis, Lonnie	Leonforte, John L.	Solomon, Je’Neane
Briggs, Gregory Lynn	Guy, Jessica	Lloyd, Wayne F.	Urban, Brenda G.
Bukosky, Vlorie F.	Hazel, Wanda L.	Mancini, Jennifer	Vincelli, Louis
Ciborowski, Steven	Humphries, Theresa	McCauley, Adrienne	Yoo, Alexia D.
Clark, Lyra	Johnson, Douglas W.	Meadowcroft, Catherine	
Clelland, Louis A.	Kent, Nathaniel	Mielke, Sylvia A.	

Academia Day links educators to Army missions

Continued from Page 1

and at APG while aiming to build long-term relationships with local post-secondary institutions.

“Today is all about our future,” Via said. “I am here today because someone ignited a passion in me, a fire. I have always felt I needed to return that favor and try to ignite the same in others.”

While discussing his personal upbringing as a youth from Martinsville, Virginia, to the four-star position he occupies today, Via explained how a teacher saw qualities in him that he didn’t realize he had. He credited that impetus as his start in life and used the example to stress to the academic audience that one never really knows when opportunity knocks; and federal service is a viable option.

“What my career has shown me is that there are tremendous opportunities in the federal service for a valuable, fruitful and productive career,” Via said. “The problem seems to be that we don’t seem to tell that story enough and that’s on us. But we want you, our post-secondary academic professionals, to know about us and express upon your students, that federal service is a viable option upon graduation. One that appreciates and continues to develop talent.

“Our workforce is aging and many are approaching retirement. We need to grow the future not only today, but over and over to make sure our Soldiers, who are out there in harm’s way, remain the best equipped, best trained and best prepared force in the world,” he said.

Seminars and demos

The day-long agenda featured welcomes and information from both Via and Crawford, seminars on success in the federal career path, navigating the USAJobs website, and insights on federal resume writing techniques. It included a discussion panel staffed by former federal interns who shared their personal experiences of federal employment, hoping to impart insight and lessons learned along the way.

The afternoon included hands-on demonstrations and information booths by the various AMC and APG agencies, centering on the work they do at APG in the defense of the country.

“Our watchword has to be service and creating a passion for that service,” Crawford said. “When this day is over, do not forget about service. Federal service is about service to the nation, not just necessarily restricted to the Army. Today is not an end step, but rather a step in a process to develop today’s youth for future leadership.”

Crawford credited Via for the program during his brief introduction.

“It takes vision to look over the horizon



Gen. Dennis L. Via, Commanding General, U.S. Army Materiel Command, center, discusses educational opportunities with Drs. Clytrice Austin Wilson, left, and Derrick C. Scott, from Delaware State University, during Academia Day at APG North (Aberdeen), Oct. 23.

and see the challenges pending and then commit to addressing those challenges. General Via has done that here by giving us this opportunity to do our part to address that challenge.”

Educator feedback

Educators attending the event said they found the input valuable.

Denise Traynor, a Program Management Specialist from Frostburg (Maryland) State University, said she came to explore options for FSU-Cecil College students majoring in Materiel Engineering.

“We are just up the road now in Cecil County,” Traynor said. “We have just opened this program in concert with Cecil because this particular degree will work well in the needs of Aberdeen Proving Ground. Materiel is everywhere and that is what I am hearing from both General Via and General Crawford today. I intend to use this day in an attempt to create entry pathways which our students can access for APG employment and beyond. It’s exciting.”

Clytrice Austin Watson, dean for the College of Mathematics and Natural Sciences at Delaware State University, said that as part of his job he is committed to looking for opportunities for the university’s students.

“I see broad opportunities here and possible internships that can serve to be great life lessons. I have to admit I was not aware of all the opportunities here at APG and hearing that alone has exceeded my original expectations for today.”

Dr. Andrea G. Lange, the assistant dean for Academic Initiatives at Washington College, a small liberal arts college in Chestertown, Maryland, said she felt she “might be an odd man out” at first, but hearing the discussion about the need for Humanities and Social Science types in the federal government was great and a refreshing variation off the hard sciences domination.

“Our education curriculum at a liberal arts institution can bridge the interest between the liberal arts student and the hard science side. That alone was encouraging for me,” she said.

Lange added that Washington College has planned a 3-plus-2 engineering program with Columbia University in New York City. This type of program includes three years at Washington College pursuing a liberal arts degree, followed by two years at Columbia pursuing an engineering degree.

“It would be an added benefit if those students could maybe check in here and do a summer engineering internship as they move from quiet Chestertown to the hustle and bustle of the Big Apple. It’s an option worth exploring.”

Looking to the future

While the recent event at APG can trace its roots to the first Academia Day held at HQ AMC in Hunstville, Alabama, in May 2015, future events are expected. AMC intends to hold these events to grow the federal workforce at all major subordinate commands within AMC; CECOM was the first. To synchronize those efforts, representatives from every major subordinate command in the AMC family tree attended and provided their G1/personnel departments to discuss availabilities at their locations. This is expected to be the case at all future events as well.

“This is not a one-and-done,” Via said. “We all have important jobs we do each day but our most important mission is to grow the future. The students we influence today are those we are building the foundation with and for.

“Invest today to ignite tomorrow’s future.”

Did You Know?

The Navy Cross is the second-highest military decoration for valor after the Medal of Honor that can be awarded to members of the U.S. Navy, Marine Corps and Coast Guard.



While the U.S. Navy celebrated its 240th birthday Oct. 13, the Navy Cross wasn’t established until an Act of Congress Feb. 4, 1919. Awarded for extraordinary heroism in combat, it is equivalent to the Army Distinguished Service Cross and the Air Force Cross.

When the U.S. entered into World War I, the MOH was the only American award for valor. The Army instituted the Distinguished Service Cross and Distinguished Service Medal in 1918 and the Navy followed suit in 1919, retroactive to April 6, 1917. As enacted Feb. 4, 1919, the Navy Cross was the naval services third-highest award and could be awarded for both combat heroism and for other distinguished service.

While it was originally lower in precedence than the Navy Distinguished Service Medal, because it was awarded for combat heroism and for “other distinguished service,” Congress revised this Aug. 7, 1942, making the Navy Cross a combat-only award and second only to the Medal of Honor. To earn this distinctive decoration, the act or the execution of duty must be performed in the presence of great danger or at great personal risk. Since its creation, the Navy Cross has been awarded more than 6,300 times. It was designed by James Earle Fraser.

The first actual recipient of the Navy Cross is unknown because initial awards were made from a lengthy list published after World War I.

Obverse

The Navy Cross is a modified cross pattée one and one-half inches wide. The ends of its arms are rounded and four laurel leaves with berries are in each of the re-entrant arms. The laurel leaves with berries refer to achievement. In the center of the cross, a sailing vessel of the type in use between 1480 and 1500, is depicted on waves, facing left.

Reverse

In the center of a bronze cross pattée, one and one-half inches wide, are crossed anchors from the pre-1850 period, with cables attached. The letters USN are evident amid the anchors.

Ribbon

The service ribbon is navy blue with a center stripe of white identical to the suspension ribbon of the medal. The blue alludes to naval service;

the white represents the purity of selflessness.

Notable Navy Cross recipients

- **Rear Adm. Roy M. Davenport** was the first individual and only Sailor to be awarded five Navy Crosses while serving as a submarine commander in the Pacific during World War II.
- **Cmdr. Samuel David Dealey**, credited with sinking 16 enemy ships during World War II, the submarine commander was awarded four Navy Crosses as well as the MOH the Distinguished Service Cross, Silver Star and Purple Heart medals and Combat Action Ribbon
- **USMC Lt. Gen. Lewis Burwell “Chesty” Puller** was the most decorated Marine in American history. Puller is the only Marine to be awarded five Navy Crosses and, with the Distinguished Service Cross he was awarded by the U.S. Army, he is the only person to have received six of the nation’s second-highest awards for valor. He fought guerrillas in Haiti and Nicaragua, and participated in battles of World War II and the Korean War
- **Rear. Adm. Eugene B. Fluckey**, nicknamed “Lucky Fluckey”, was a Navy submarine commander who received the Medal of Honor and four Navy Crosses for his service during World War II.
- **Chief Petty Officer John Arnold Austin** - namesake of the destroyer escort USS Austin – was posthumously awarded the Navy Cross for helping 15 Sailors escape from the capsized USS Oklahoma during the Dec. 7, 1941 Pearl Harbor attacks.
- **Messman Third Class Doris “Dorie” Miller** was the first African American to be awarded the Navy Cross. Recognized as one of the “first U.S. heroes of World War II,” Miller was commended by Secretary of the Navy Frank Knox for manning anti-aircraft guns and removing injured Sailors during the attack on Pearl Harbor.
- **Chief Nurse Lenah H. Sutcliffe Higbee** - widow of USMC Lt. Col. John Henley Higbee, she became the second Superintendent of the Nurse Corps. For her achievements in leading the Corps through World War I, she was awarded the Navy Cross, the first, and only, living woman to receive the medal.
- **USMC Gen. Lemuel Cornick Shepherd, Jr.**, 20th USMC commandant, for his gallantry in action at the Battle of Belleau Wood, France, then- Lt. Shepherd was awarded the Army Distinguished Service Cross, the Navy Cross, the French Croix de guerre, and was cited twice in the general orders of the 2nd Infantry Division, American Expeditionary Forces. For his service in the war he also received the Montenegrin Silver Medal for Bravery.
- **Maj. Kurt Chew-Een Lee** was the first U.S. Marine Corps officer of Chinese descent. Lee earned the Navy Cross under fire in Korea in September 1950, while serving with the 1st Battalion 7th Marines. Lee died March 2, 2014 and was buried at Arlington National Cemetery with full military honors.

Yvonne Johnson, APG News
Source(s):valor.defense.gov



APG SNAPSHOT

For complete photo coverage, visit <http://www.flickr.com/photos/usagapg/>.

O'zapft is!

Oktoberfest brings Bavarian delights

Team APG hosted its third Oktoberfest in four years at the APG North (Aberdeen) recreation center and adjacent grounds Oct. 23-24. From brats and beer to a Volksmarch and traditional bavarian dancing, APG Oktoberfest had plenty of hooah with oompah!

- (Clockwise from top right)
- From left, APG retirees Henry Tomasko of Pennsylvania and Andy Gschwind of Aberdeen play along to Oktoberfest music, Oct. 24. Their instruments, commonly referred to as "tric-ballac," have a fixed central hammer with two swinging hammers that produce a sound similar to a tambourine.
 - Robin Stokes of the Army Substance Abuse Program admires the scarves at a vendor display in the Oktoberfest marktplatz with her grandchildren, from left, Michael Williams, Mya Stokes and Isaiah Williams, Oct. 23.
 - From right, Kristina Allen, wife of APG Garrison Headquarters and Headquarters Company Commander Capt. Robert "Danny" Allen, and her son, Gavin, 4, keeps pace with military spouse Monika Arvelo and her son Matthew, 2, during the Oktoberfest Volksmarch, Oct. 24.
 - Victoria Birk gazes up at stilt walker Jes "Shorty" Raschella, Oct. 24.
 - Thirteen-year-olds Brandon Evans, front, and Antigone Pauling perform a taekwondo pattern known as "Chon-Ji" during an Oktoberfest demonstration Oct. 24. Children and teens in the Child, Youth and School Services SKIES Unlimited Taekwondo program performed several demonstrations and asked attendees to take anti-bullying pledges, Oct. 24.
 - From left, Carmen Houseman, Hildur Wood and Brigitta Plante sing along to the traditional Oktoberfest song, "Ein Prosit" in the festhalle, Oct. 23.
 - Aberdeen resident Gerry Olyphant poses with her overall best in show trophy and her prized '65 Ford Mustang during the Oktoberfest Car and Bike Show Oct. 24.



Photo by Molly Blosser



Photo by Yvonne Johnson



Photo by Rachel Ponder



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Photo by Stacy Smith



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